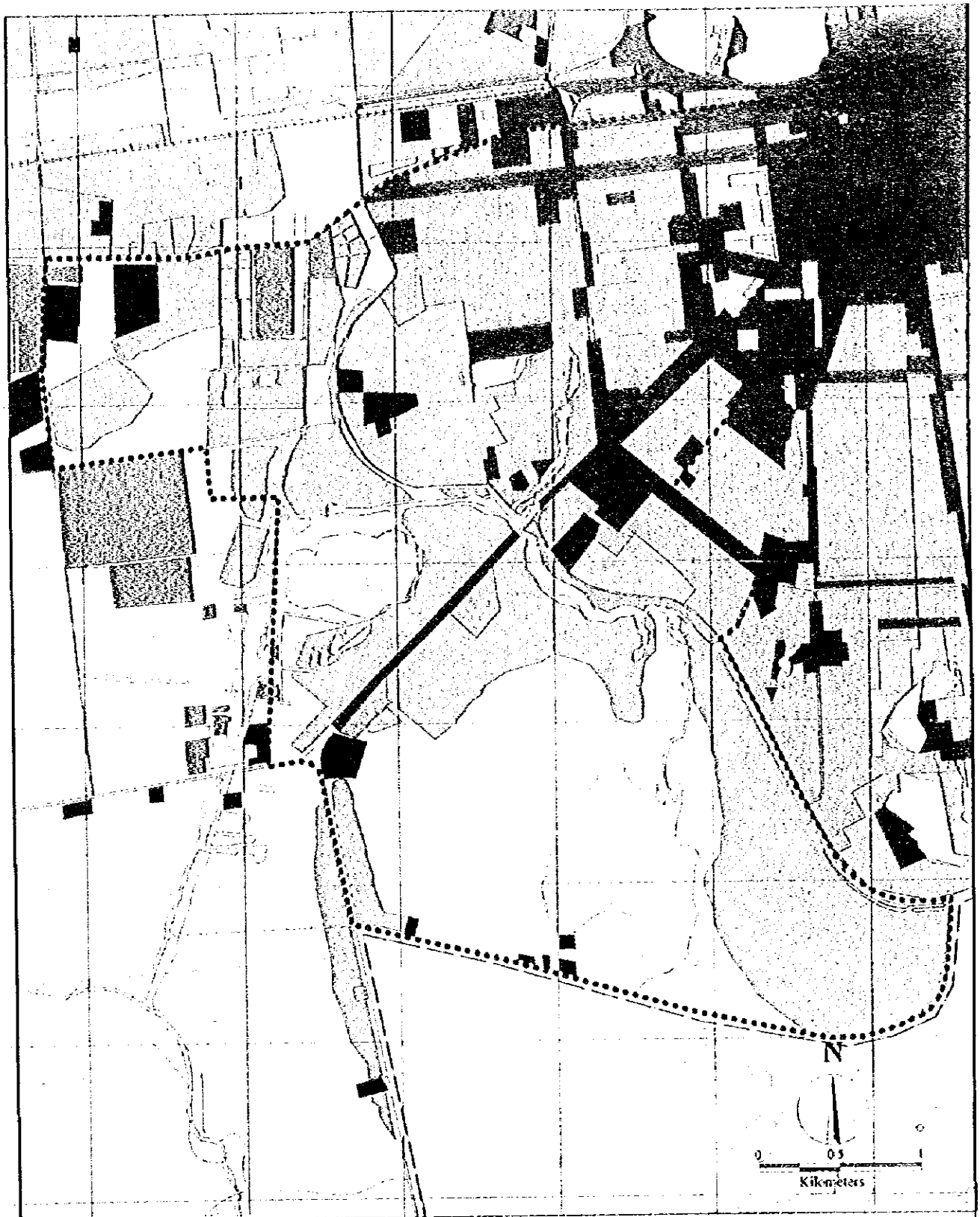


*FIGURES*



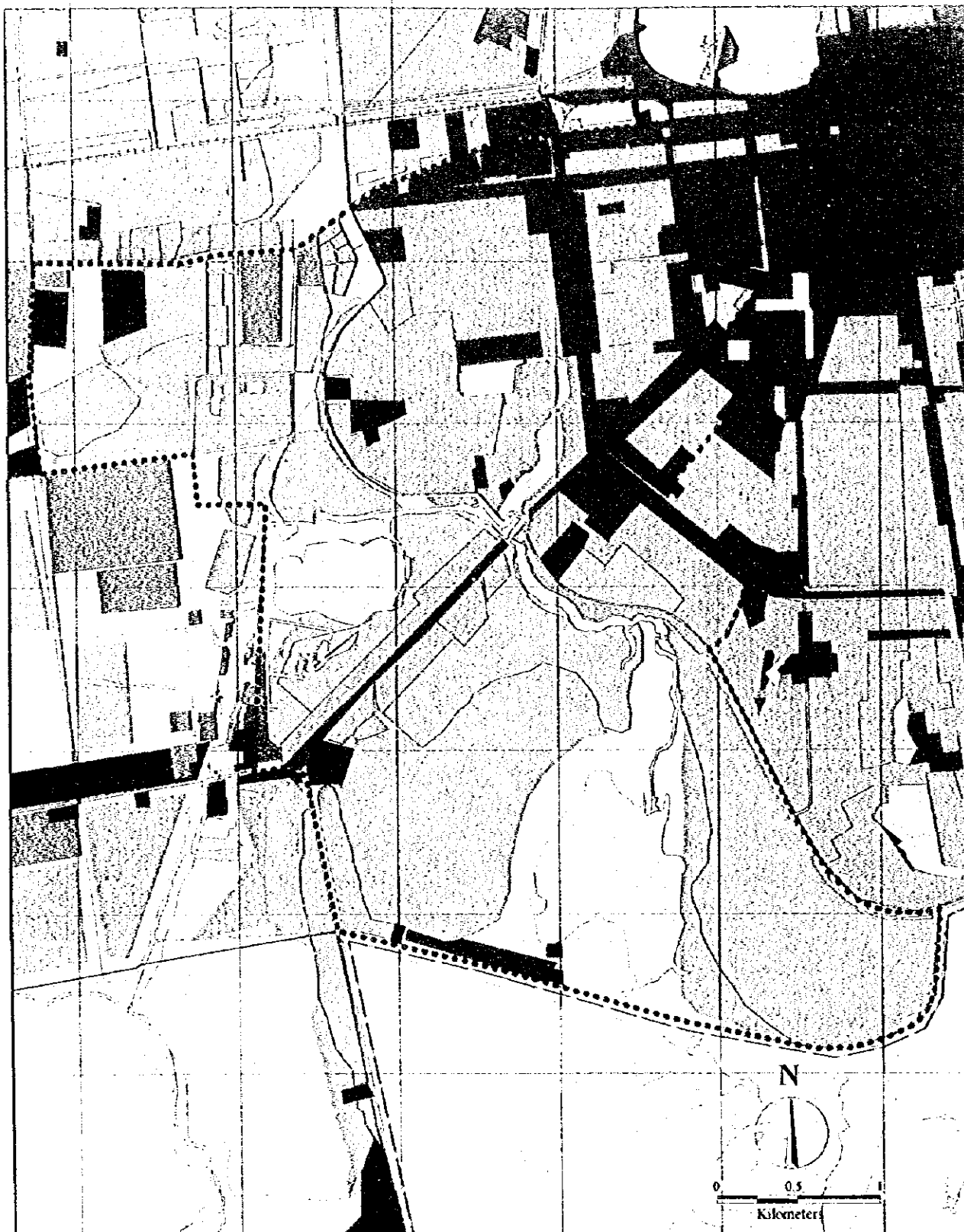


Base map: APUR B.M.U.











- |   |  |  |
|---|--|--|
| <ul style="list-style-type: none"> <li> Dense activities (activities and industries requiring important buildings and infrastructure)</li> <li> Dense urban centre (important buildings, chinese compartments, side by side houses)</li> <li> Dense residential (urban villas, buildings with small gardens)</li> </ul> | <ul style="list-style-type: none"> <li> Loose residential (small villas and buildings, much green spaces and agricultural land)</li> <li> Loose activities (small size activities mixed with residential or waste grounds)</li> <li> Agricultural land (rice fields, unused land, important vegetable or fruit gardens)</li> </ul> | <ul style="list-style-type: none"> <li> Green spaces and parks (all urban green spaces of noticeable size, excluding villa gardens)</li> <li> Lakes and ponds (all other water covered surfaces, including rivers and swamps)</li> <li> Catchment of study</li> <li> Perimeter of study</li> </ul> |
|---|--|--|

The Study on Drainage Improvement and Flood Control  
in the Municipality of Phnom Penh  
JICA - CTIE International Co., Ltd. - Nippon Koei Co., Ltd.

Figure II2-1  
Present Land Use of Boeag Salang and  
Boeag Tompua Areas

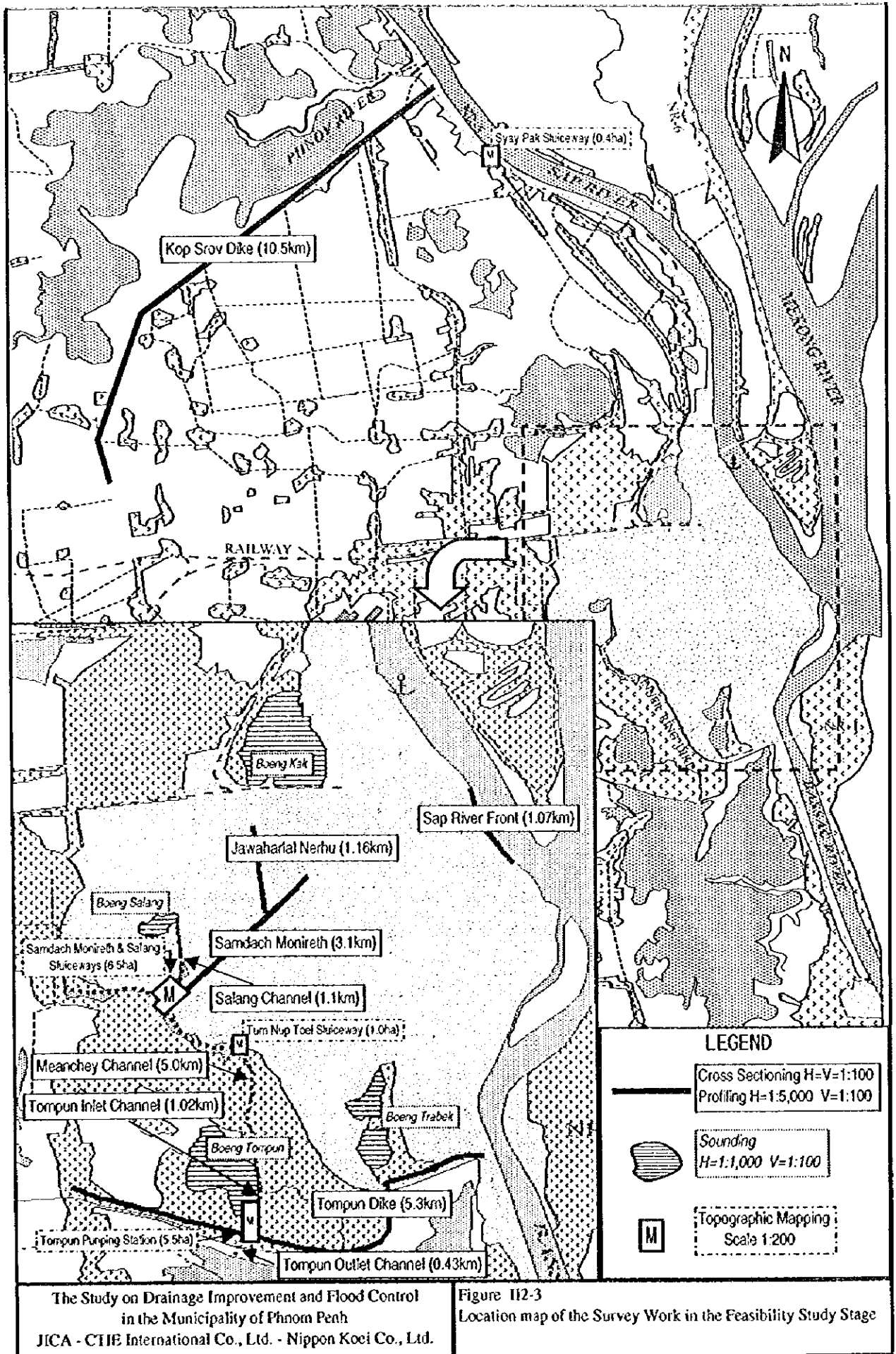


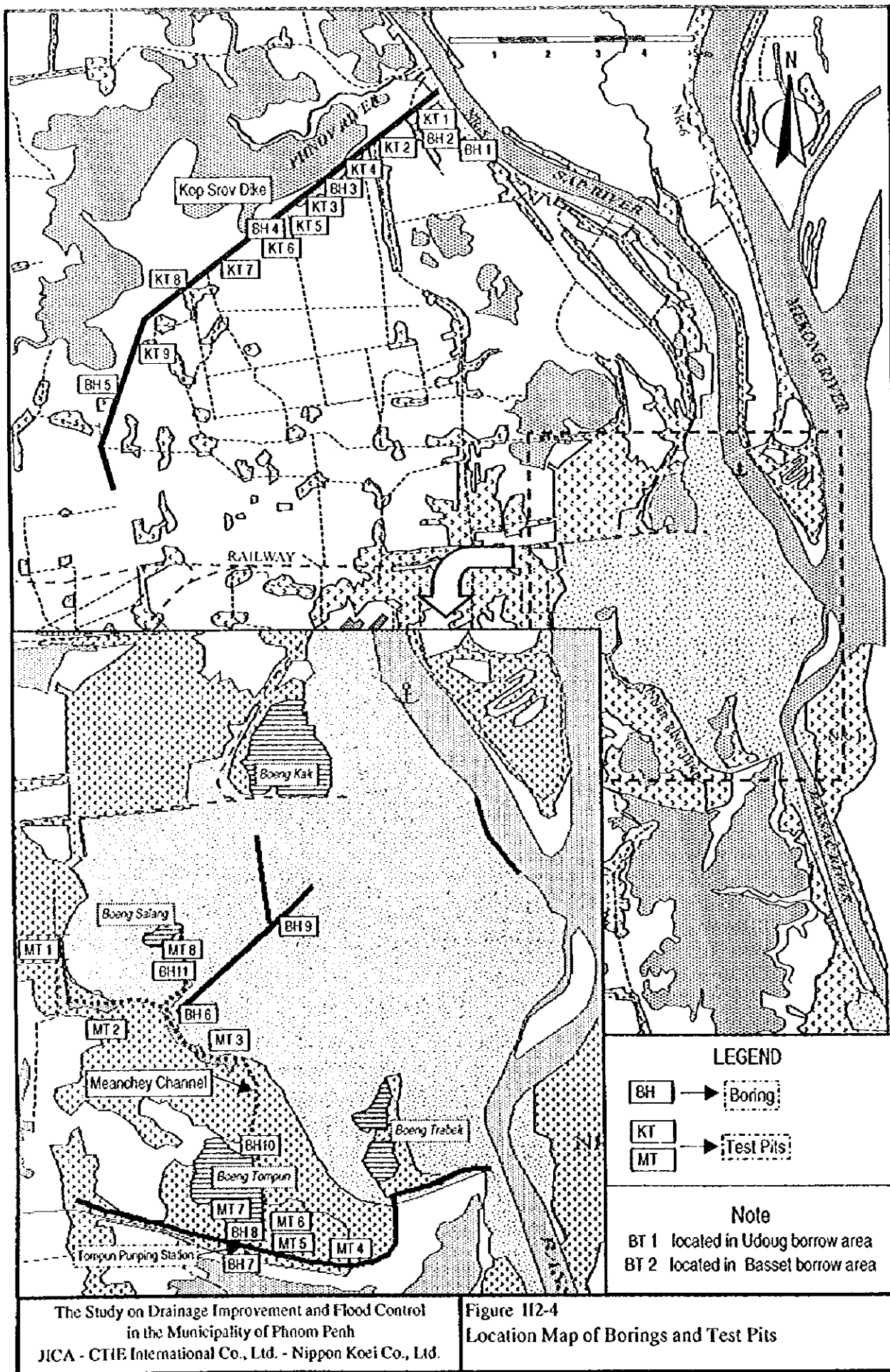
Base map: APURBAU

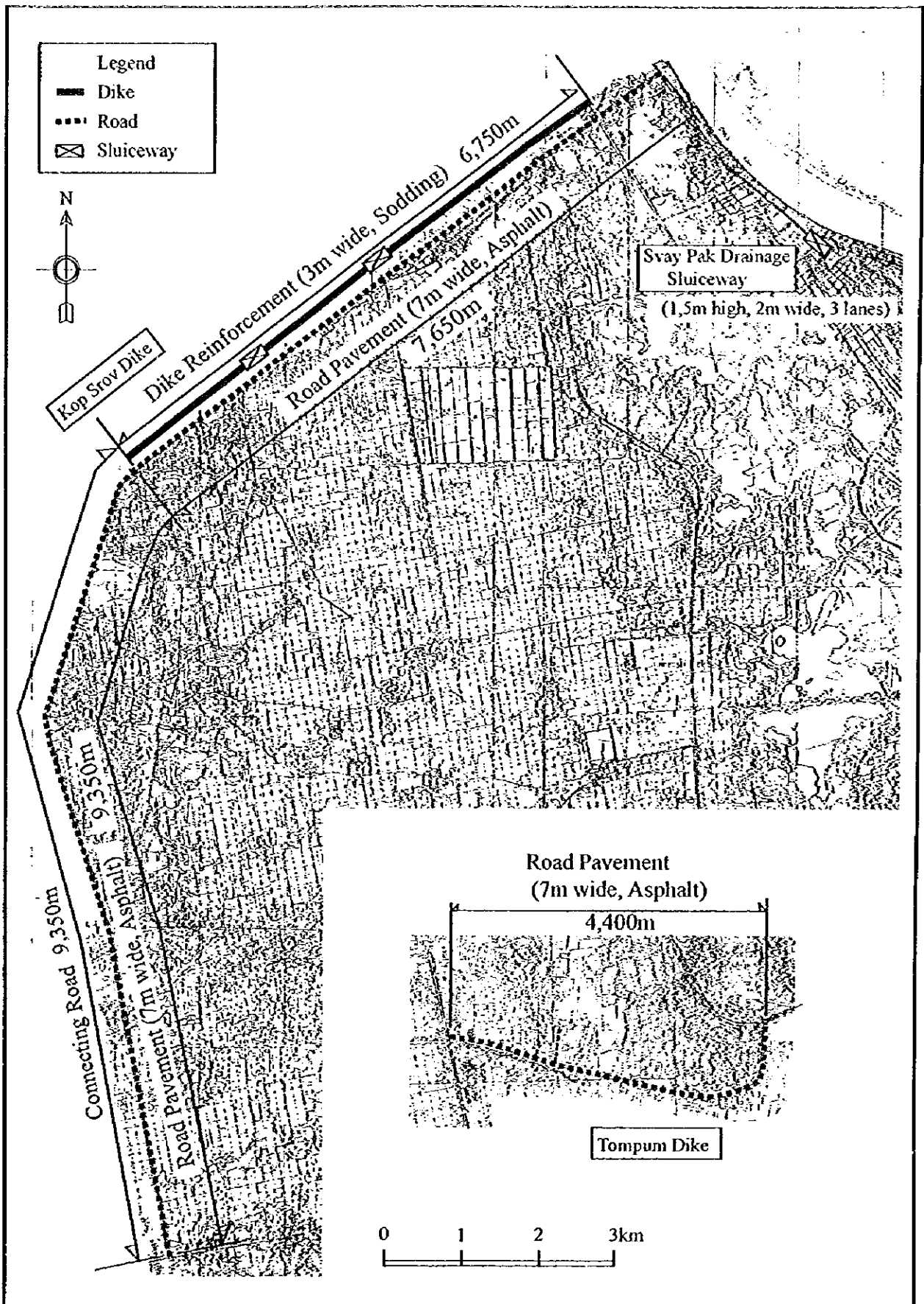
- |  |   |  |
|--|---|--|
|  Dense activities (activities and industries requiring important buildings and infrastructure) |  Loose residential (small villas and buildings, much green spaces and agricultural land) |  Green spaces and parks (all urban green spaces of noticeable size, excluding villa gardens) |
|  Dense urban centre (important buildings, chinese compartments, side by side houses)           |  Loose activities (small size activities mixed with residential or waste grounds)        |  Lakes and ponds (all water covered surfaces, including rivers and swamps)                   |
|  Dense residential (urban villas, buildings with small gardens)                                |  Agricultural land (rice fields, unused land, important vegetable or fruit gardens)      |  Boeng Tompun catchment area   |
|  |   |  Perimeter of study  |

The Study on Drainage Improvement and Flood Control  
in the Municipality of Phnom Penh  
JICA - CTIE International Co., Ltd. - Nippon Koei Co., Ltd.

Figure II-2  
Future Land Use of Boeng Salang and  
Boeng Tompun Areas

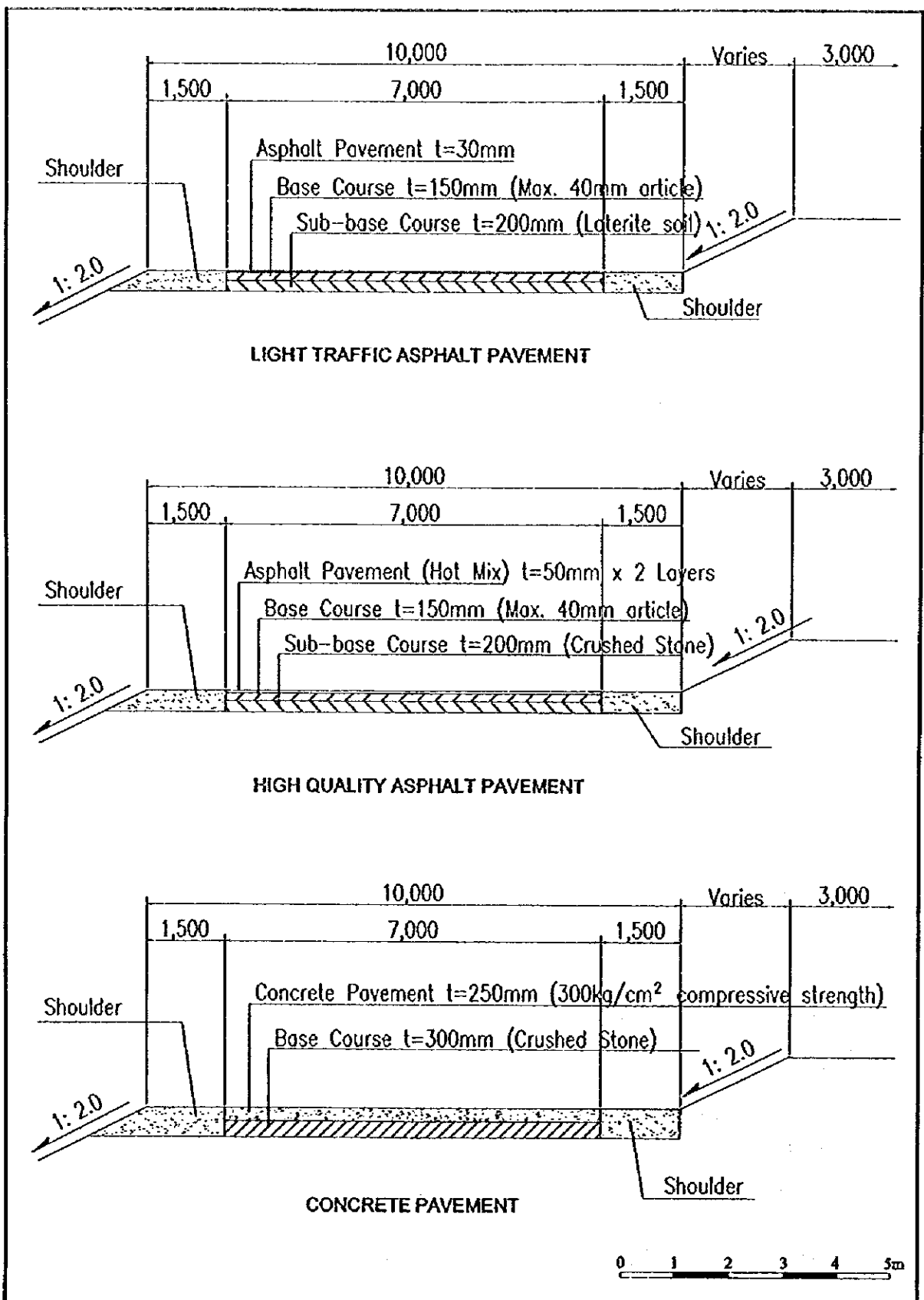






The Study on Drainage Improvement and Flood Control  
 in the Municipality of Phoom Penh  
 JICA - CTIE International Co., Ltd. - Nippon Koei Co., Ltd.

Figure II-3-1  
 Facilities of the Reinforcement of Kop Srov  
 and Tompum Dikes

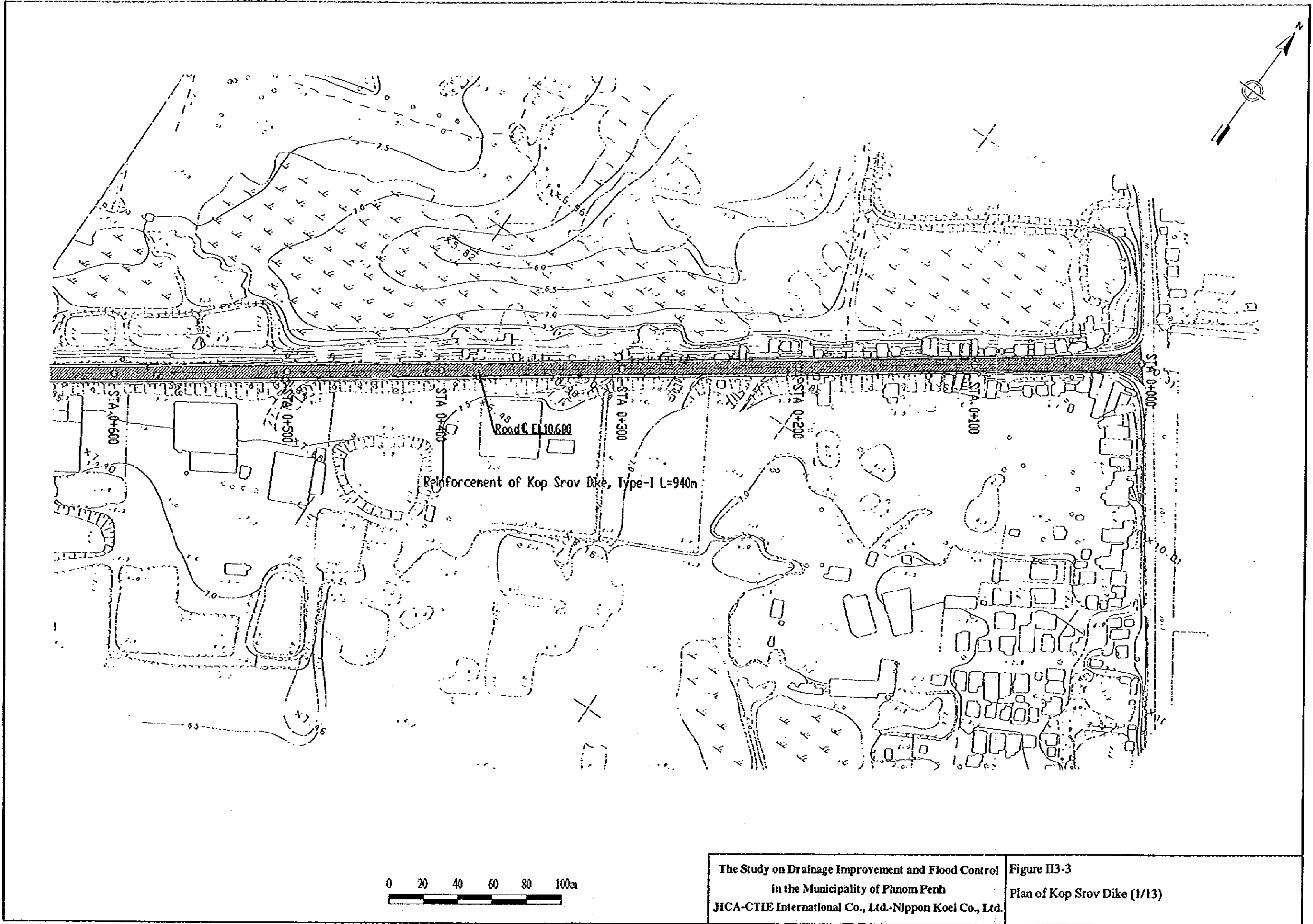


The Study on Drainage Improvement and Flood Control  
 in the Municipality of Phnom Penh  
 JICA - CTIE International Co., Ltd. - Nippon Koel Co., Ltd.

Figure II-3-2  
 Alternatives for Road Pavement on Kop Srov  
 and Tompun Dikes

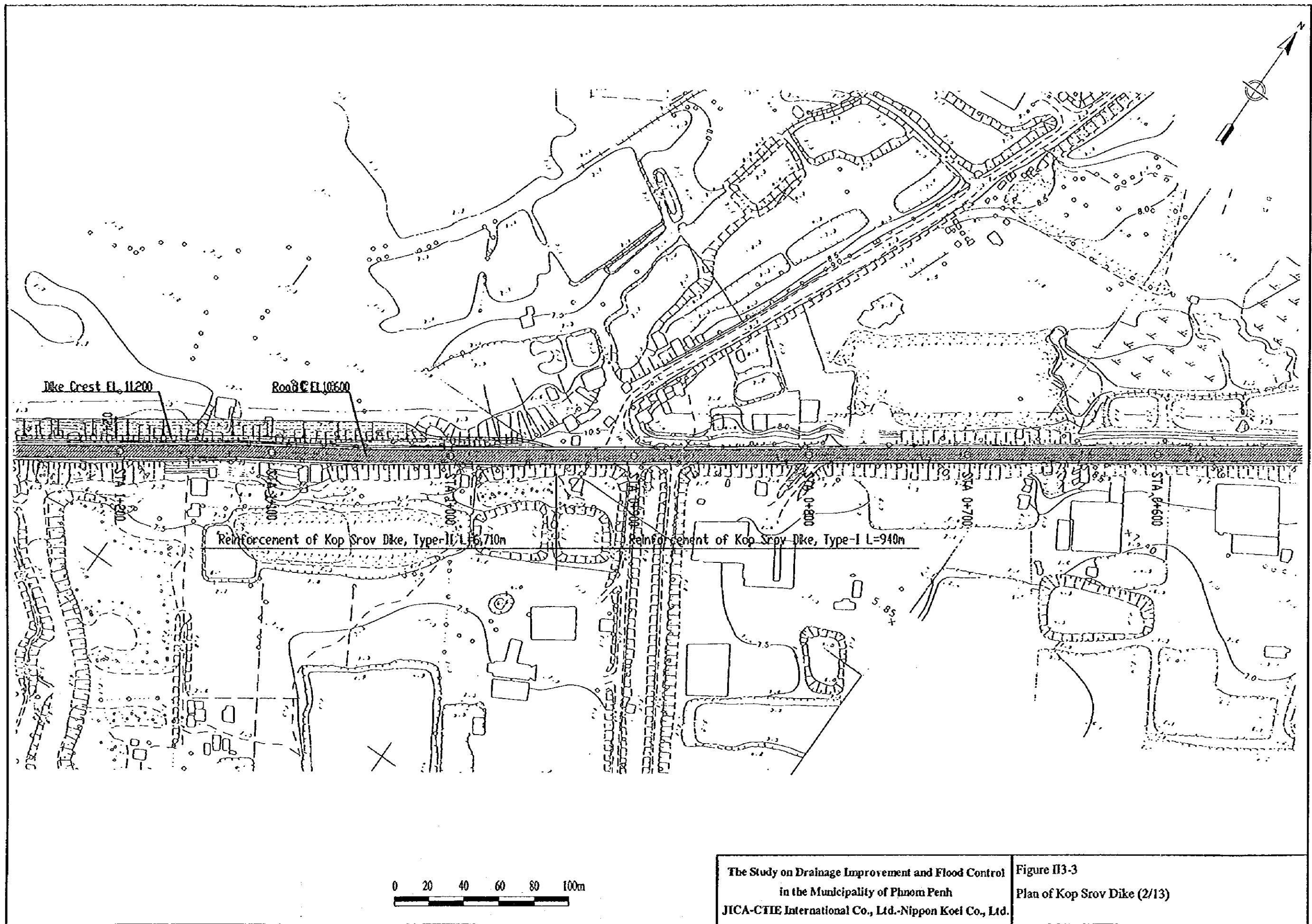






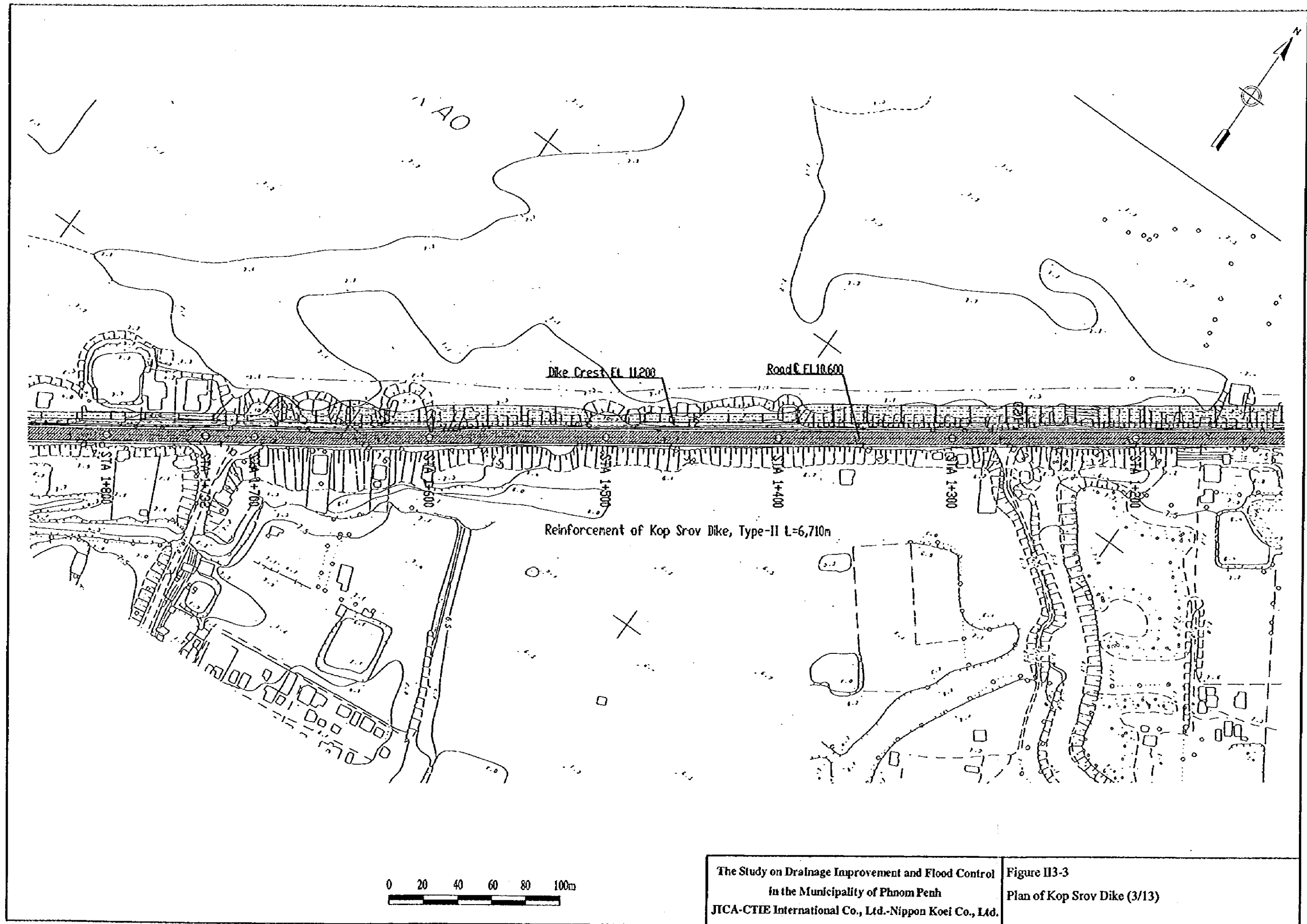
The Study on Drainage Improvement and Flood Control  
 in the Municipality of Phnom Penh  
 JICA-CTIE International Co., Ltd.-Nippon Koei Co., Ltd.

Figure II-3-3  
 Plan of Kop Srov Dike (1/13)



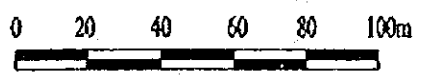
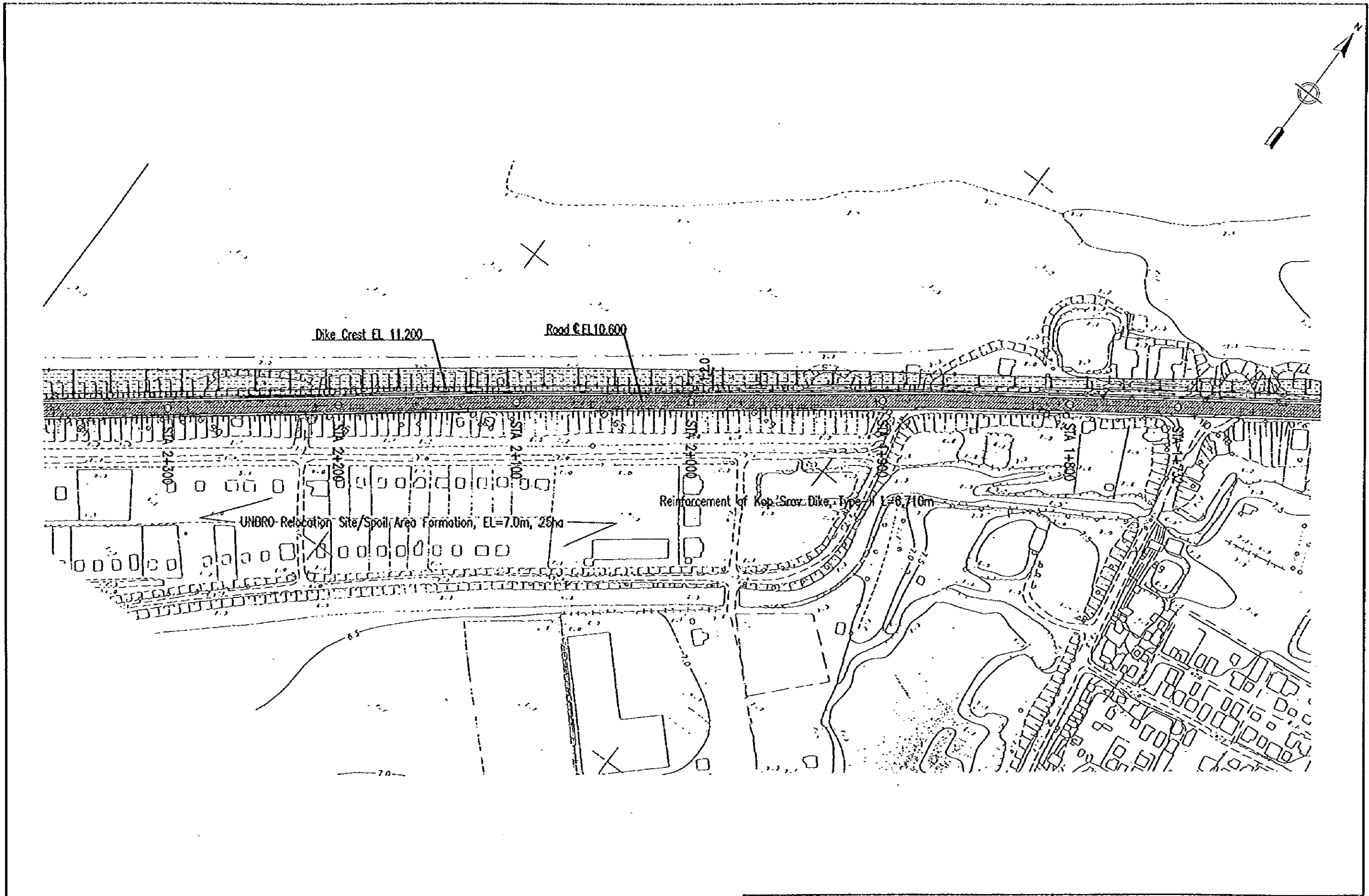
The Study on Drainage Improvement and Flood Control  
 in the Municipality of Phnom Penh  
 JICA-CTIE International Co., Ltd.-Nippon Koei Co., Ltd.

Figure II-3  
 Plan of Kop Srov Dike (2/13)



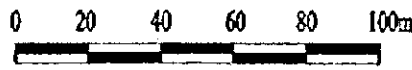
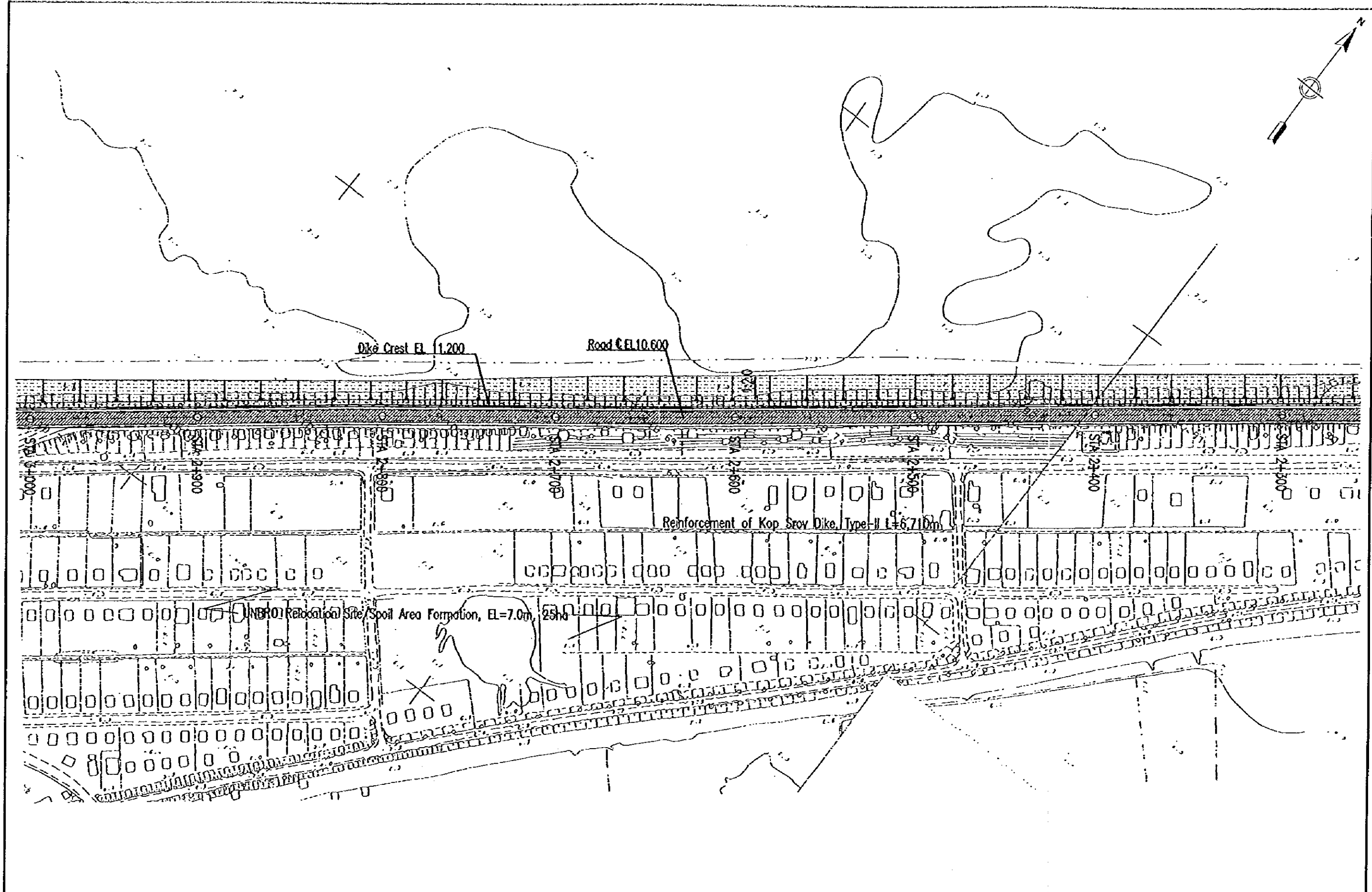
The Study on Drainage Improvement and Flood Control  
 in the Municipality of Phnom Penh  
 JICA-CTIE International Co., Ltd.-Nippon Koei Co., Ltd.

Figure II-3-3  
 Plan of Kop Srov Dike (3/13)



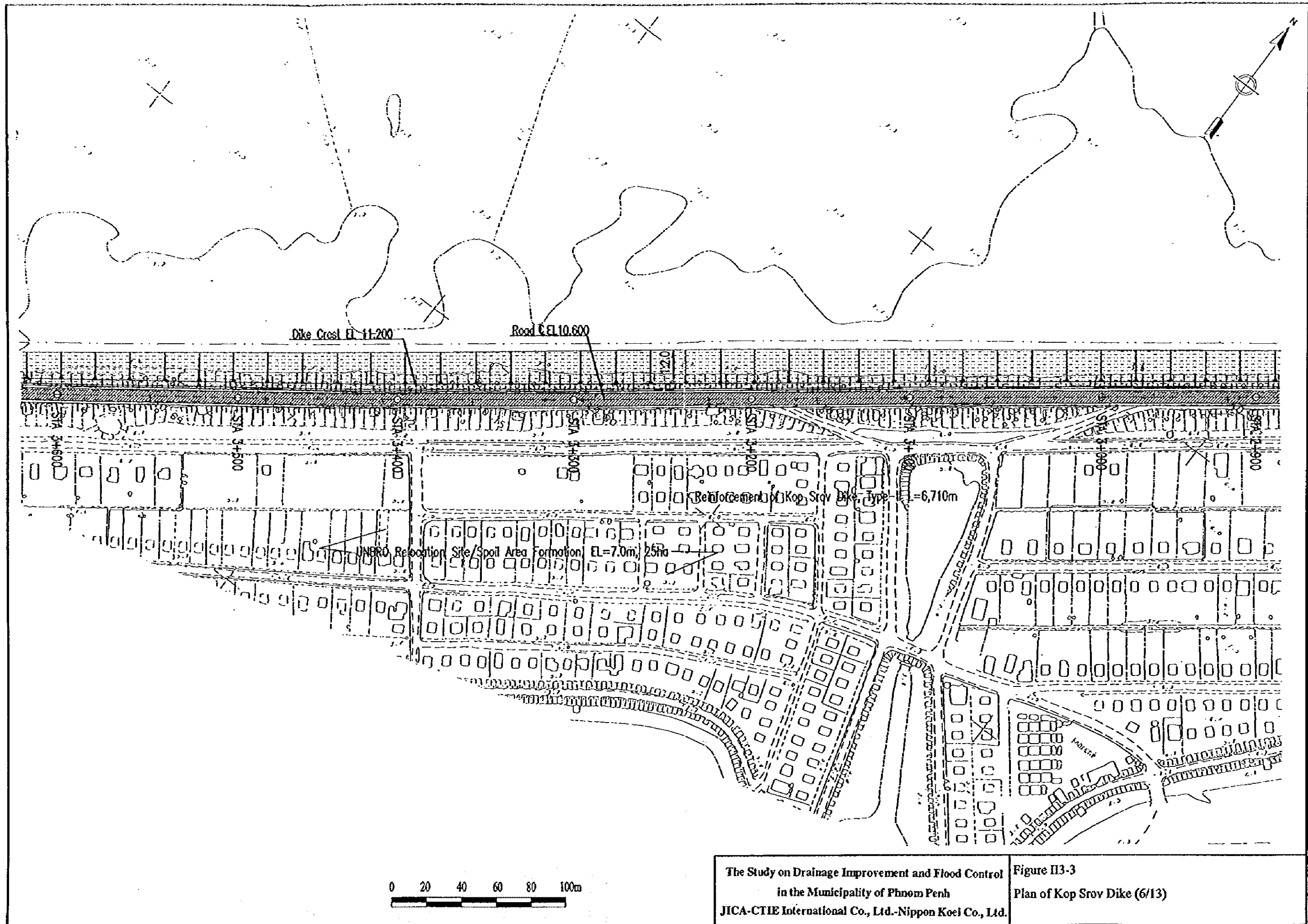
The Study on Drainage Improvement and Flood Control  
 in the Municipality of Phnom Penh  
 JICA-CTIE International Co., Ltd.-Nippon Koei Co., Ltd.

Figure II-3-3  
 Plan of Kop Srov Dike (4/13)



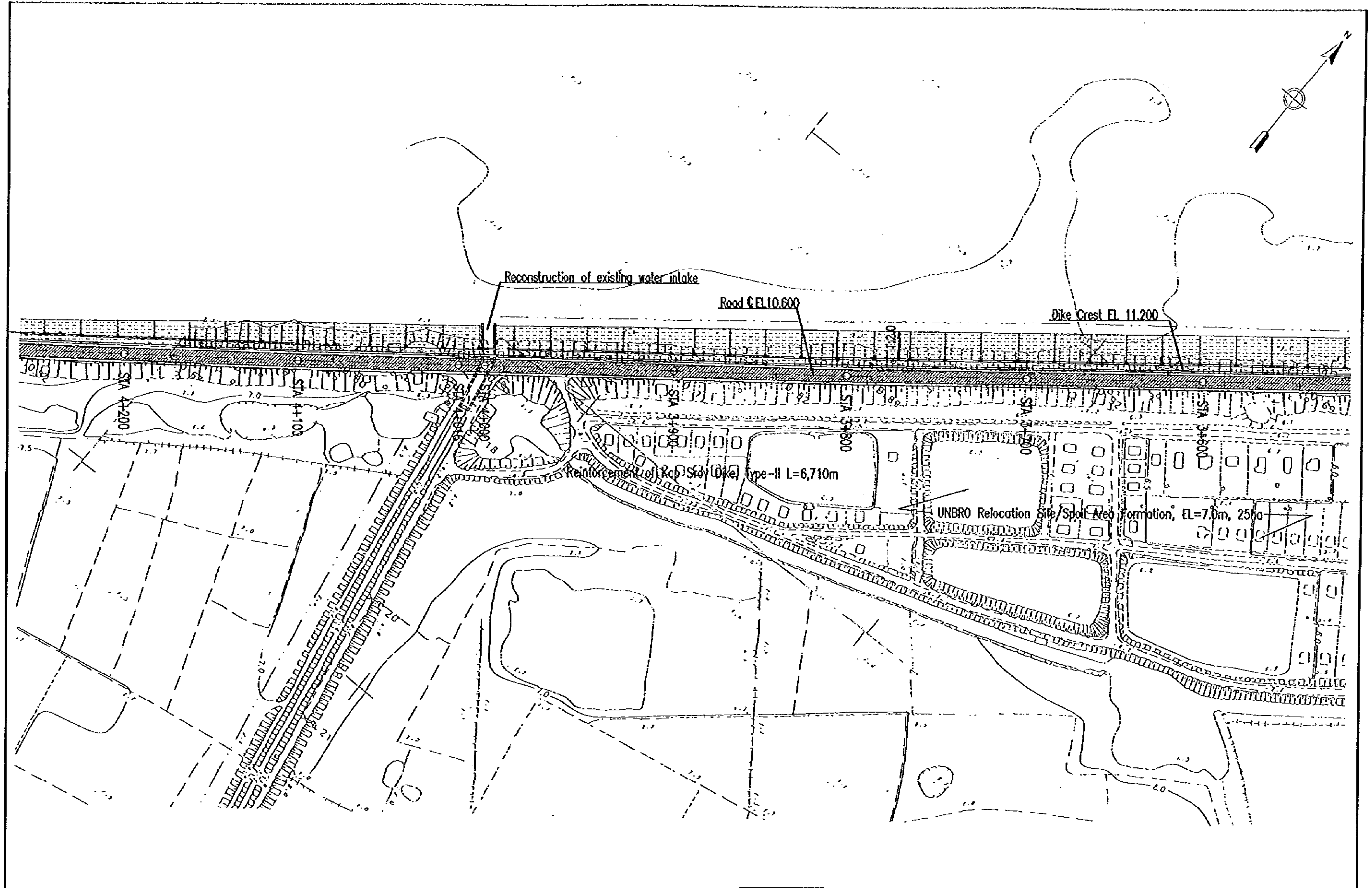
The Study on Drainage Improvement and Flood Control  
 in the Municipality of Phnom Penh  
 JICA-CTIE International Co., Ltd.-Nippon Koei Co., Ltd.

Figure II-3-3  
 Plan of Kop Srov Dike (5/13)



The Study on Drainage Improvement and Flood Control  
 in the Municipality of Phnom Penh  
 JICA-CTIE International Co., Ltd.-Nippon Koei Co., Ltd.

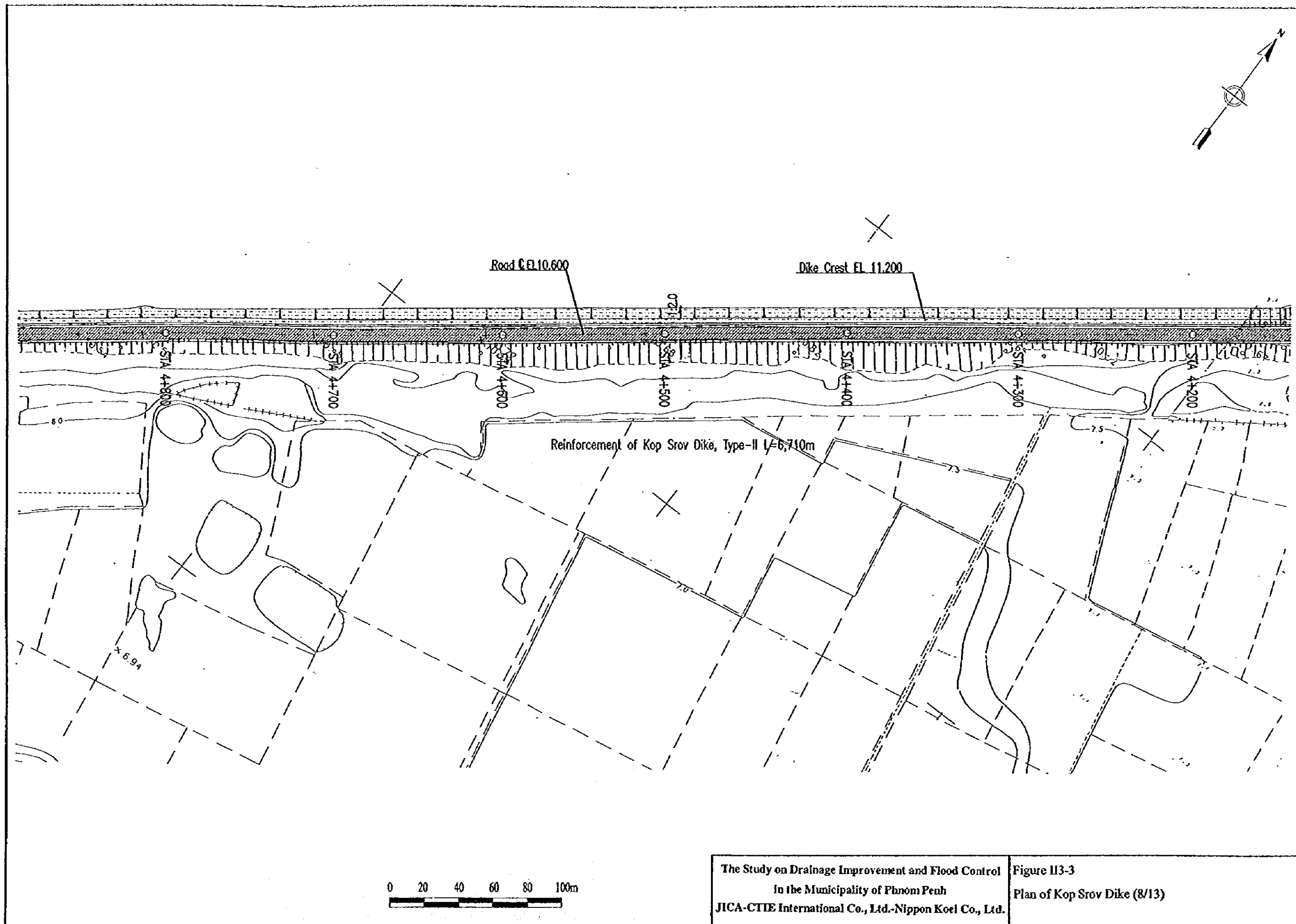
Figure II-3  
 Plan of Kop Srov Dike (6/13)



The Study on Drainage Improvement and Flood Control  
 in the Municipality of Phnom Penh  
 JICA-CTIE International Co., Ltd.-Nippon Koei Co., Ltd.

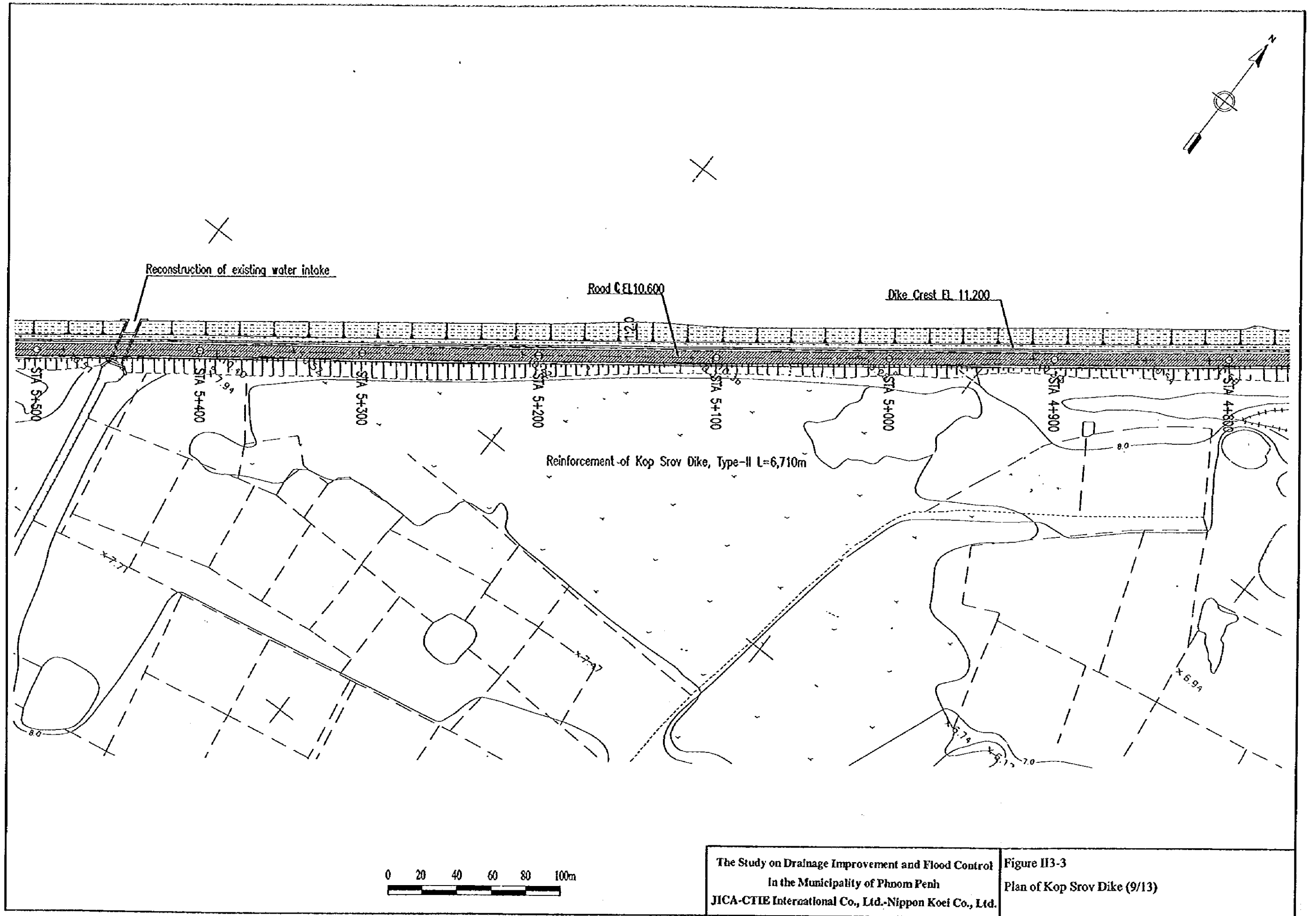
Figure II-3-3  
 Plan of Kop Srov Dike (7/13)

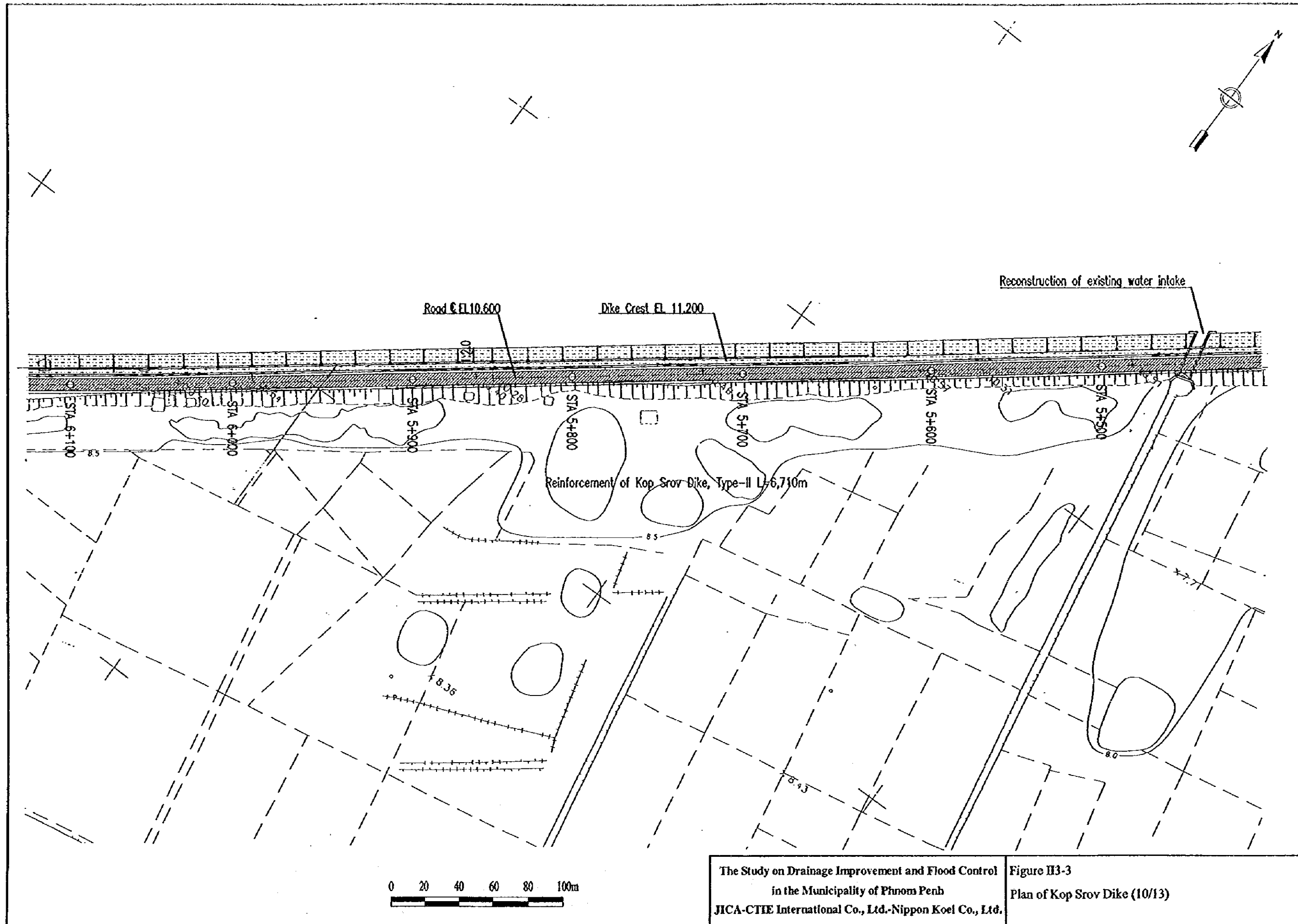




The Study on Drainage Improvement and Flood Control  
 in the Municipality of Phnom Peuh  
 JICA-CTIE International Co., Ltd.-Nippon Koei Co., Ltd.

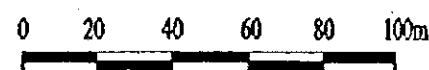
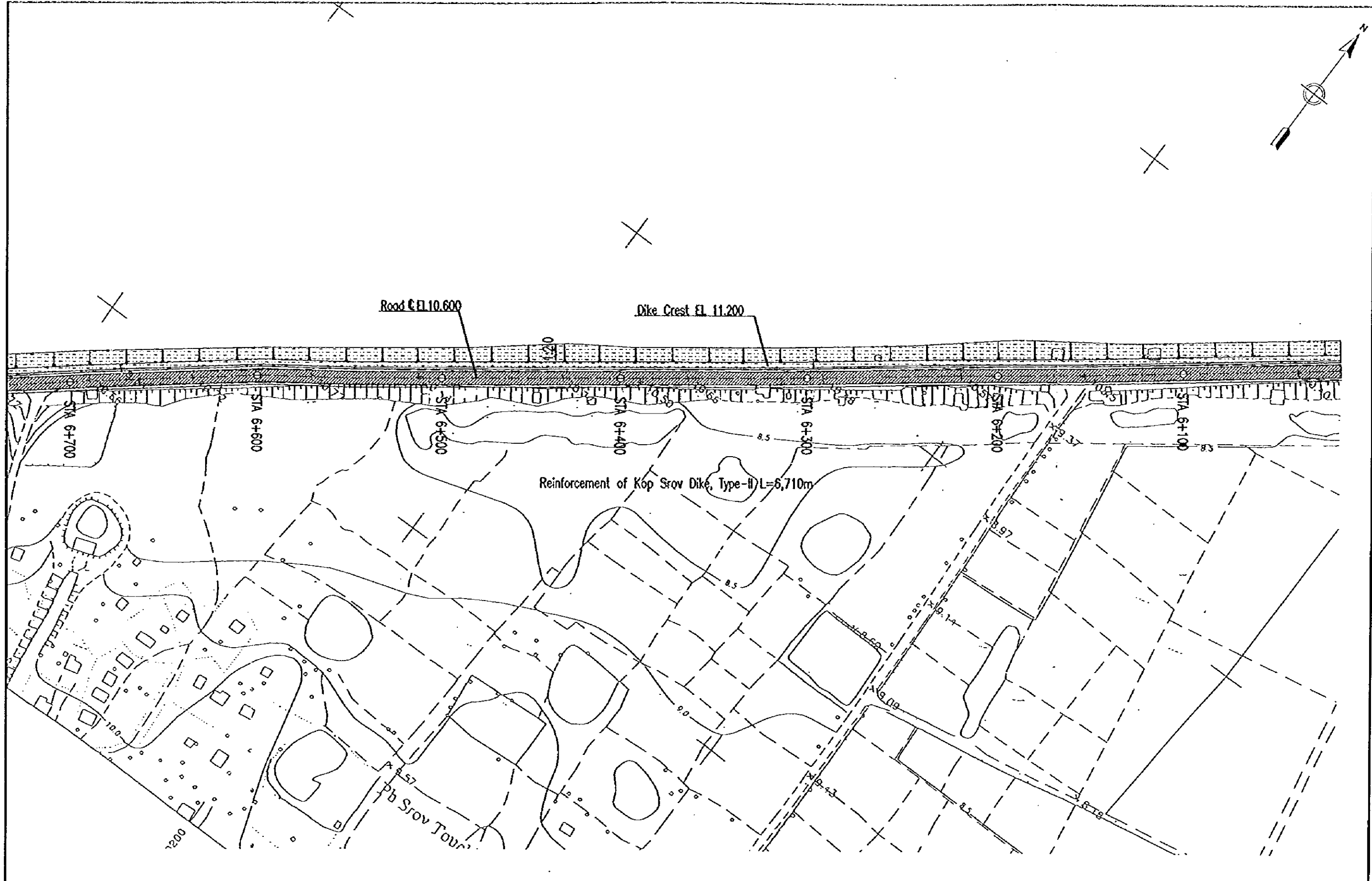
Figure II-3  
 Plan of Kop Srov Dike (8/13)





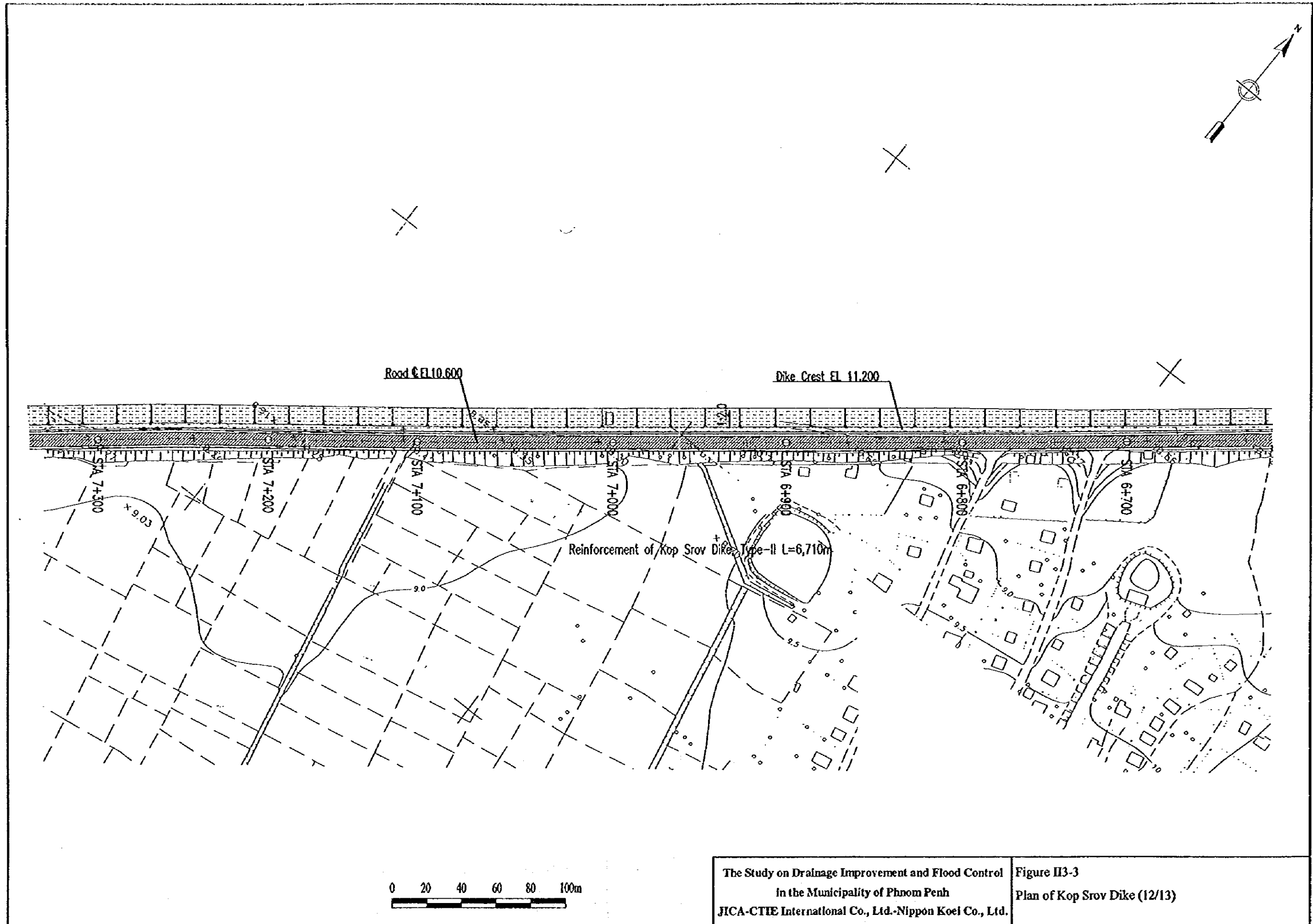
The Study on Drainage Improvement and Flood Control  
 in the Municipality of Phnom Penh  
 JICA-CTIE International Co., Ltd.-Nippon Koei Co., Ltd.

Figure II-3-3  
 Plan of Kop Srov Dike (10/13)



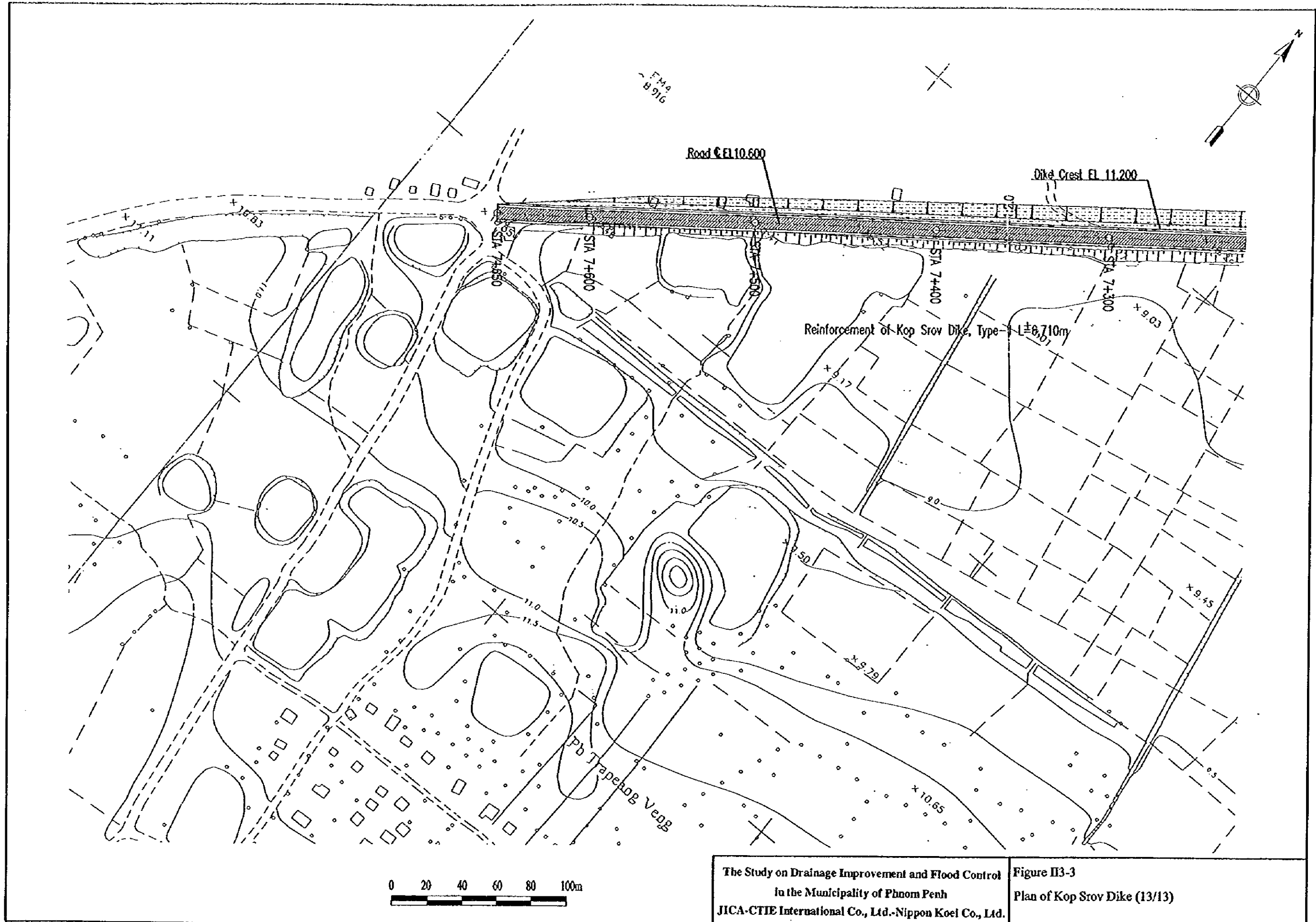
The Study on Drainage Improvement and Flood Control  
 in the Municipality of Phnom Penh  
 JICA-CTIE International Co., Ltd. Nippon Koei Co., Ltd.

Figure II-3  
 Plan of Kop Srov Dike (11/13)



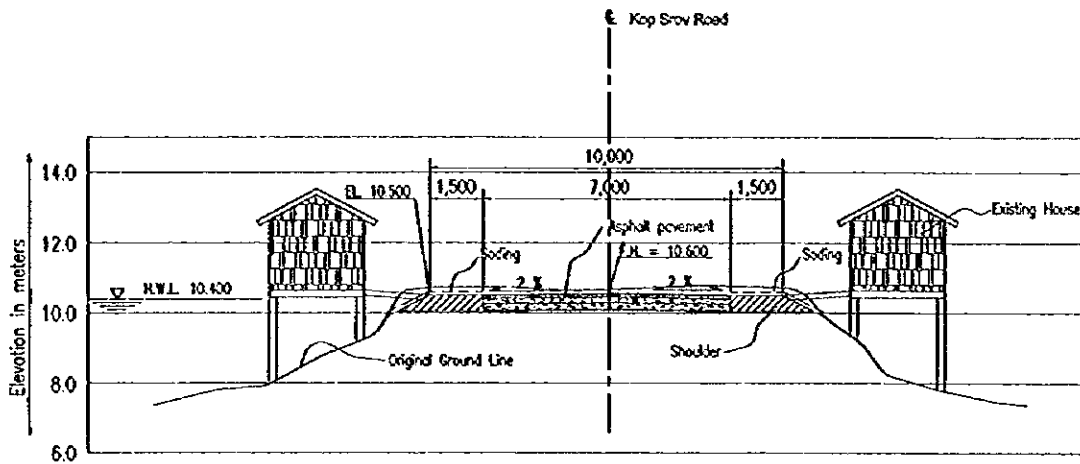
The Study on Drainage Improvement and Flood Control  
 in the Municipality of Phnom Penh  
 JICA-CTIE International Co., Ltd.-Nippon Koei Co., Ltd.

Figure H3-3  
 Plan of Kop Srov Dike (12/13)

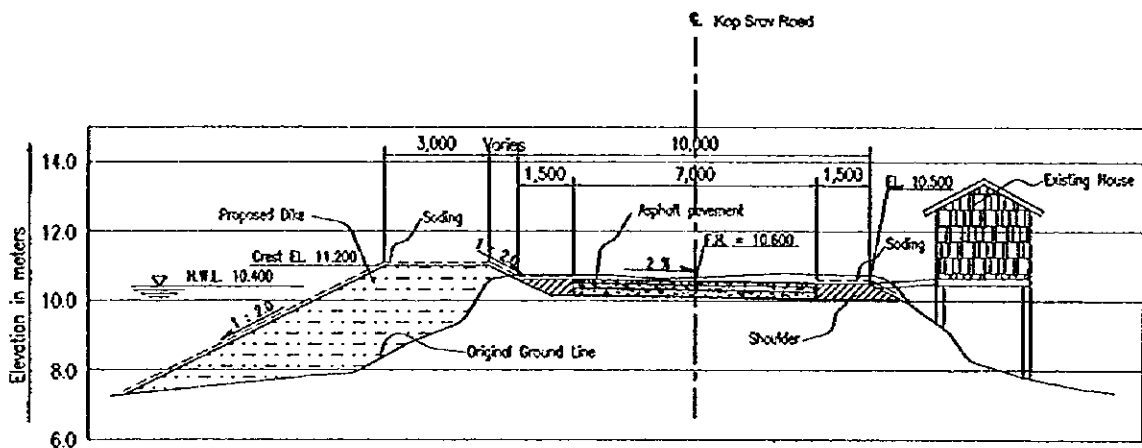


The Study on Drainage Improvement and Flood Control  
 in the Municipality of Phnom Penh  
 JICA-CTIE International Co., Ltd.-Nippon Koel Co., Ltd.

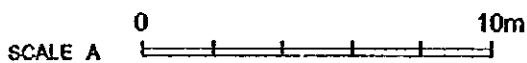
Figure II-3-3  
 Plan of Kop Srov Dike (13/13)



ROAD SECTION TYPE - I  
(Sta. 0+0.000m to Sta. 0+900m)



ROAD SECTION TYPE - II  
(Sta. 0+900m to Sta. 7+650m)



The Study on Drainage Improvement and Flood Control  
in the Municipality of Phnom Penh  
JICA - CTIE International Co., Ltd. - Nippon Koei Co., Ltd.

Figure H3-4  
Standard Cross-sections of Kop Srov Dike



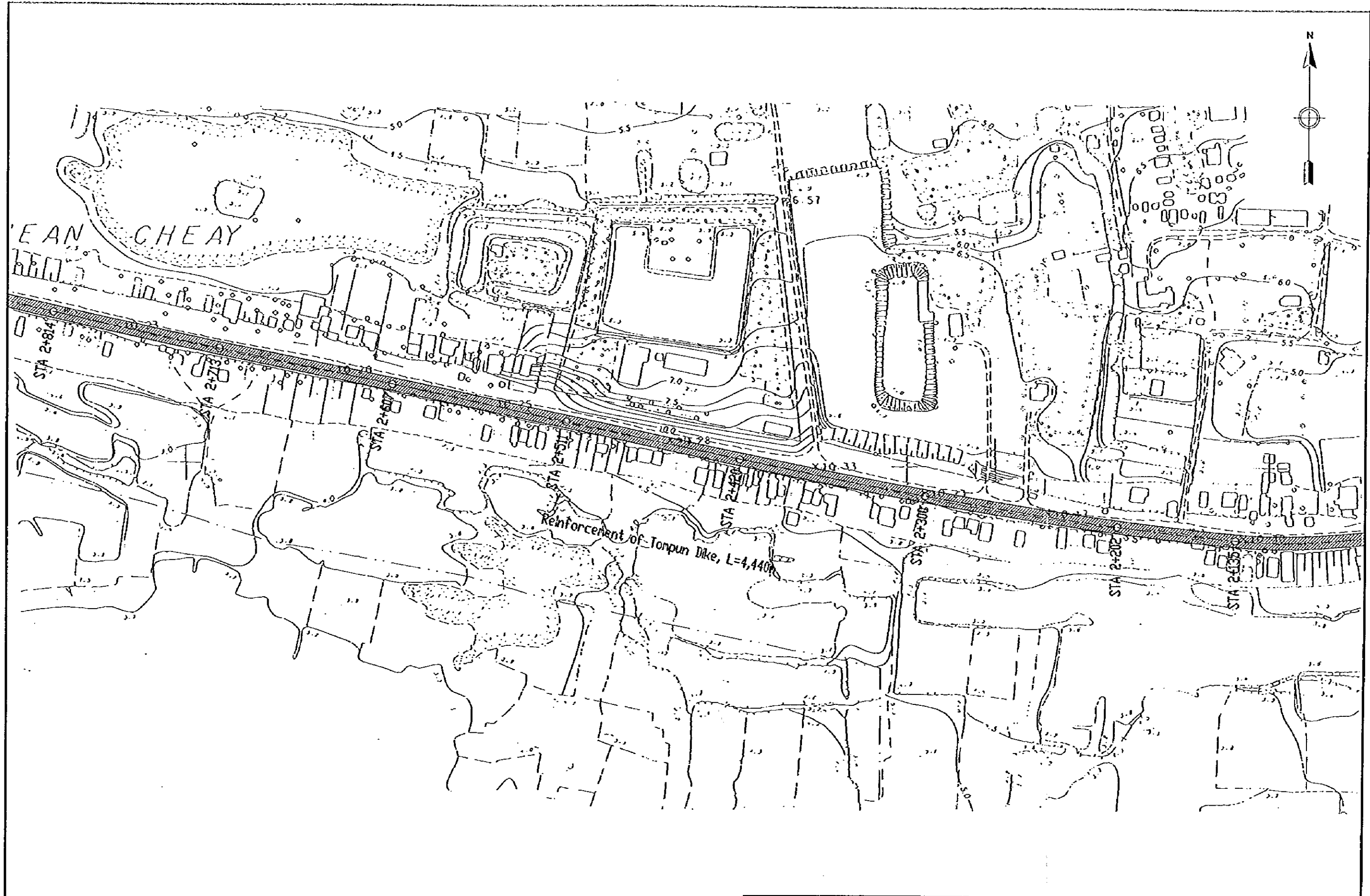




The Study on Drainage Improvement and Flood Control  
 in the Municipality of Phnom Penh  
 JICA-CTIE International Co., Ltd.-Nippon Koei Co., Ltd.

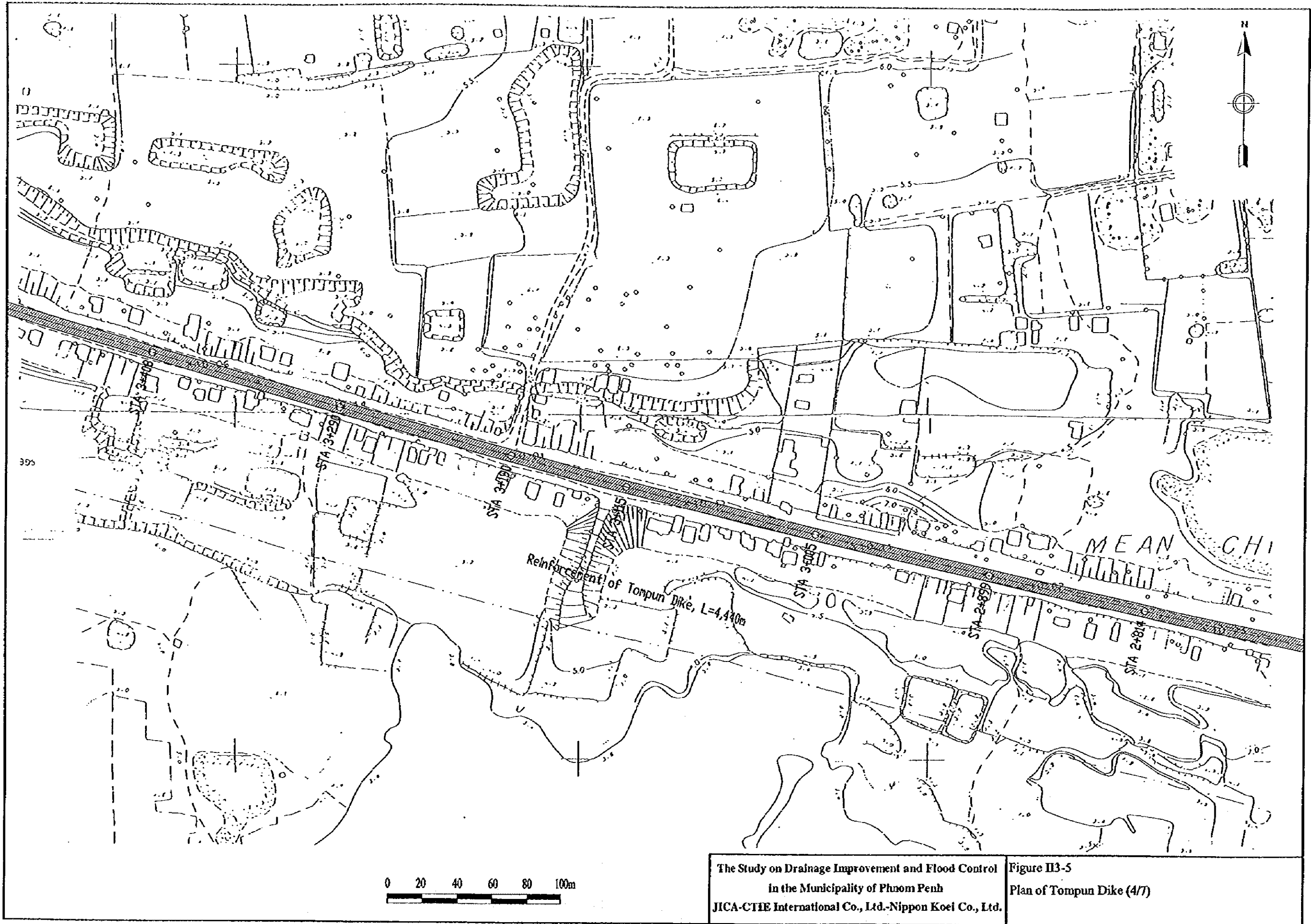
Figure I13-5  
 Plan of Tompun Dike (1/7)





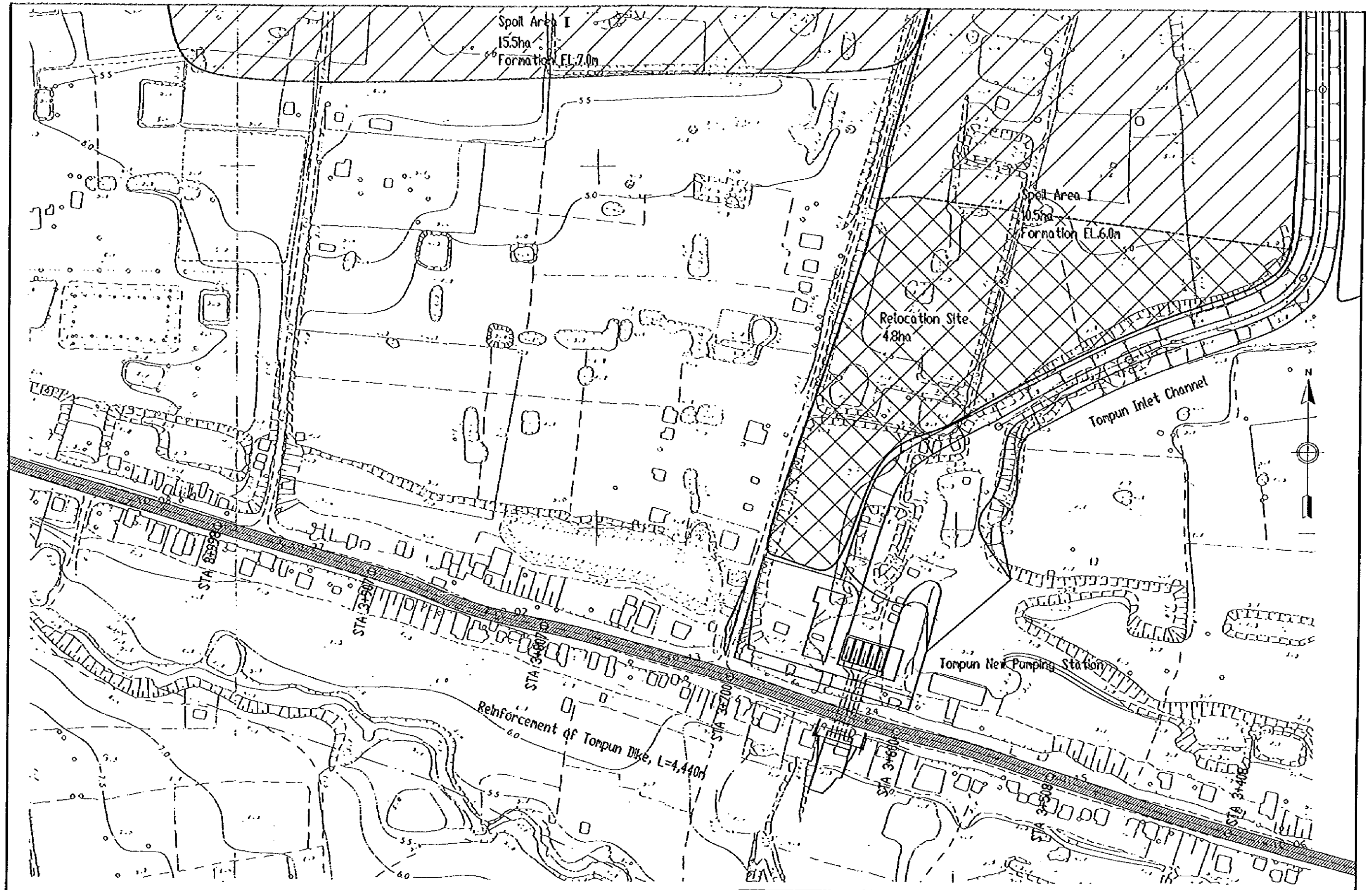
The Study on Drainage Improvement and Flood Control  
 in the Municipality of Phnom Penh  
 JICA-CTIE International Co., Ltd.-Nippon Koei Co., Ltd.

Figure H3-5  
 Plan of Tompun Dike (3/7)



The Study on Drainage Improvement and Flood Control  
 in the Municipality of Phnom Penh  
 JICA-CTIE International Co., Ltd.-Nippon Koei Co., Ltd.

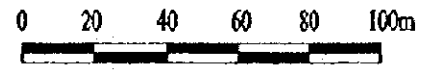
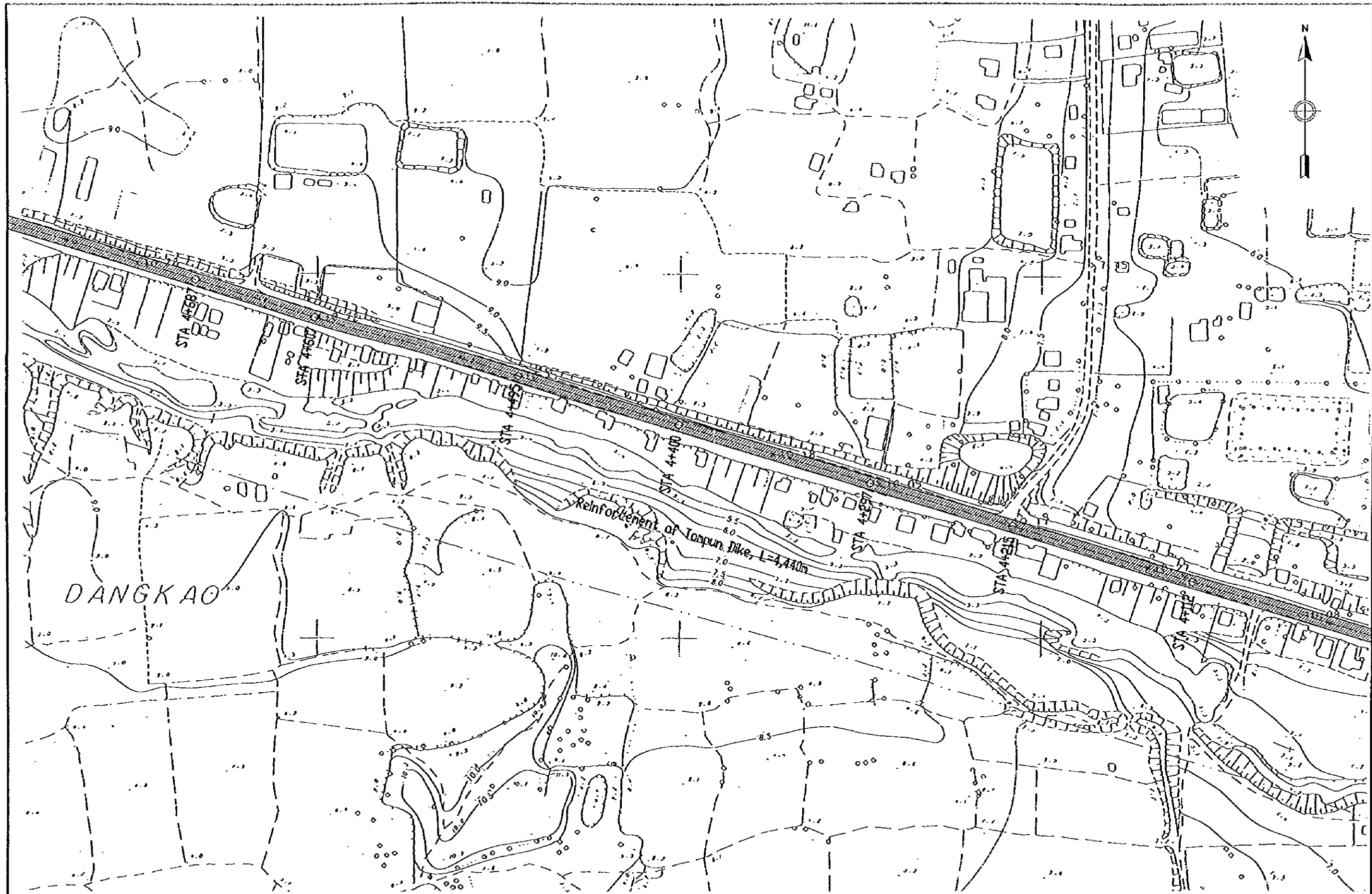
Figure II3-5  
 Plan of Tompun Dike (4/7)



The Study on Drainage Improvement and Flood Control  
 in the Municipality of Phnom Penh  
 JICA-CTIE International Co., Ltd.-Nippon Koei Co., Ltd.

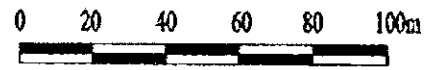
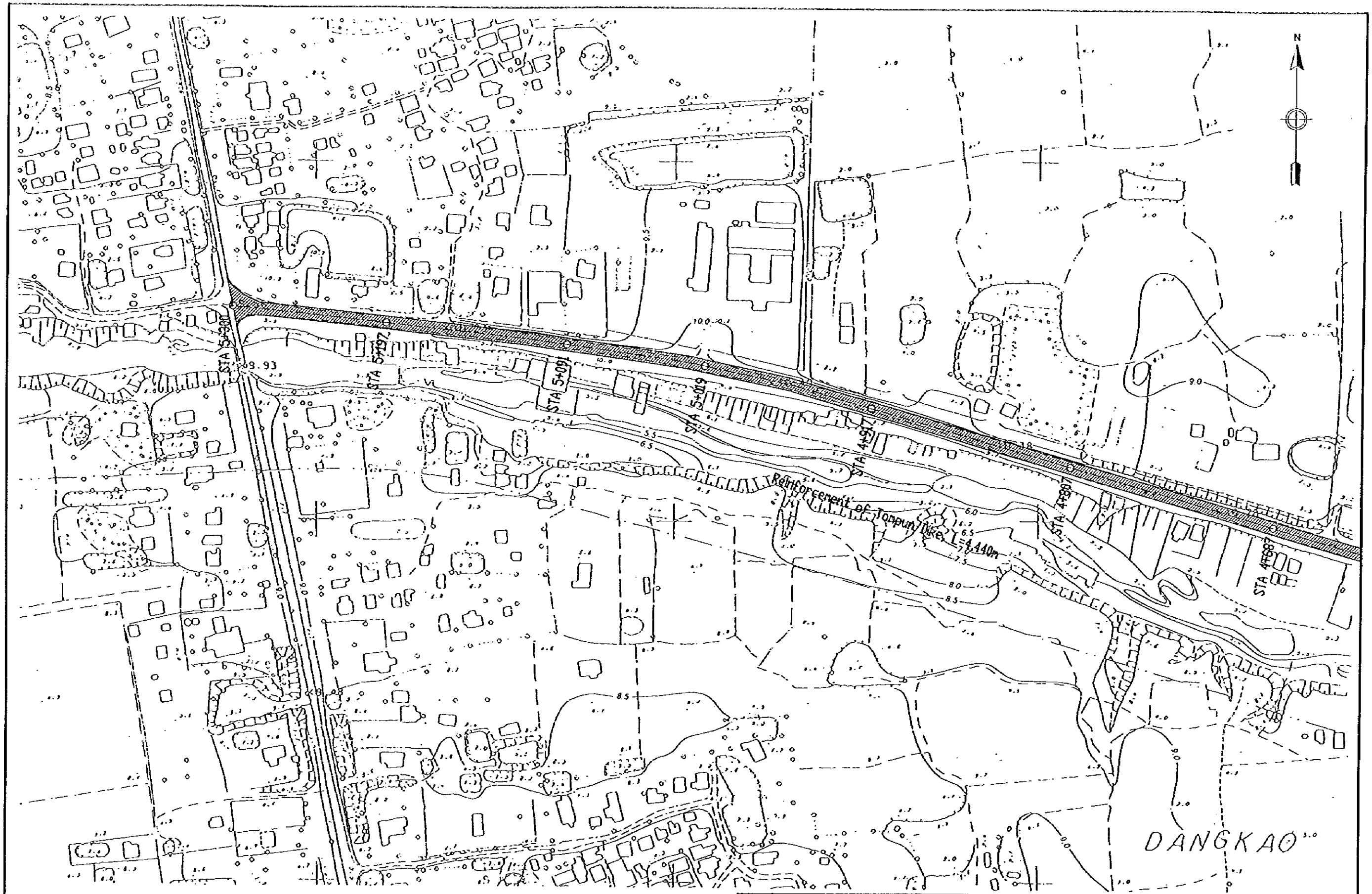
Figure II-3-5  
 Plan of Tompun Dike (S/7)





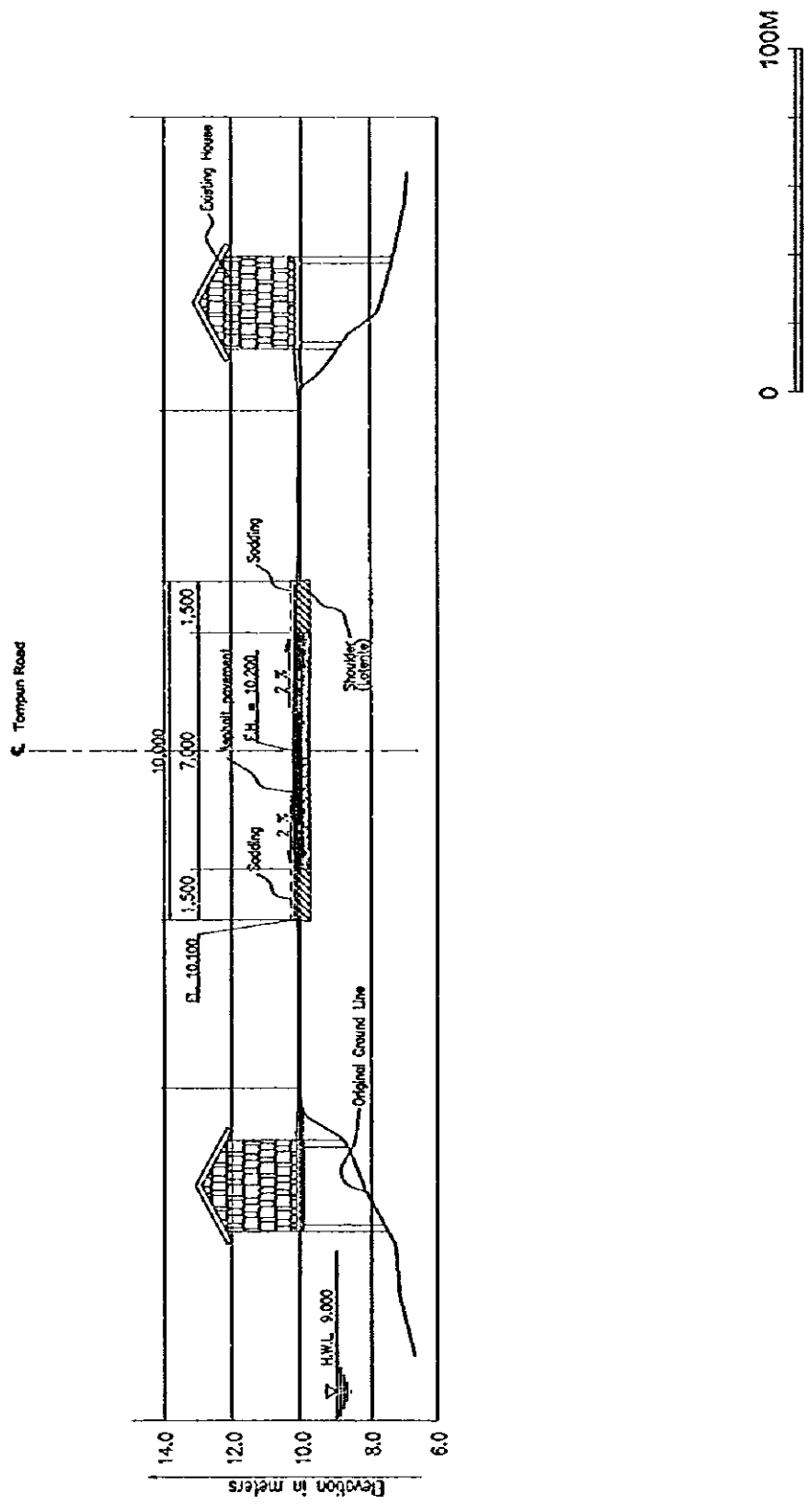
The Study on Drainage Improvement and Flood Control  
 in the Municipality of Phnom Penh  
 JICA-CTIE International Co., Ltd.-Nippon Koei Co., Ltd.

Figure II3-5  
 Plan of Tompun Dike (6/7)



The Study on Drainage Improvement and Flood Control  
 in the Municipality of Phnom Penh  
 JICA-CTIE International Co., Ltd.-Nippon Koei Co., Ltd.

Figure II3-5  
 Plan of Tompun Dike (7/7)

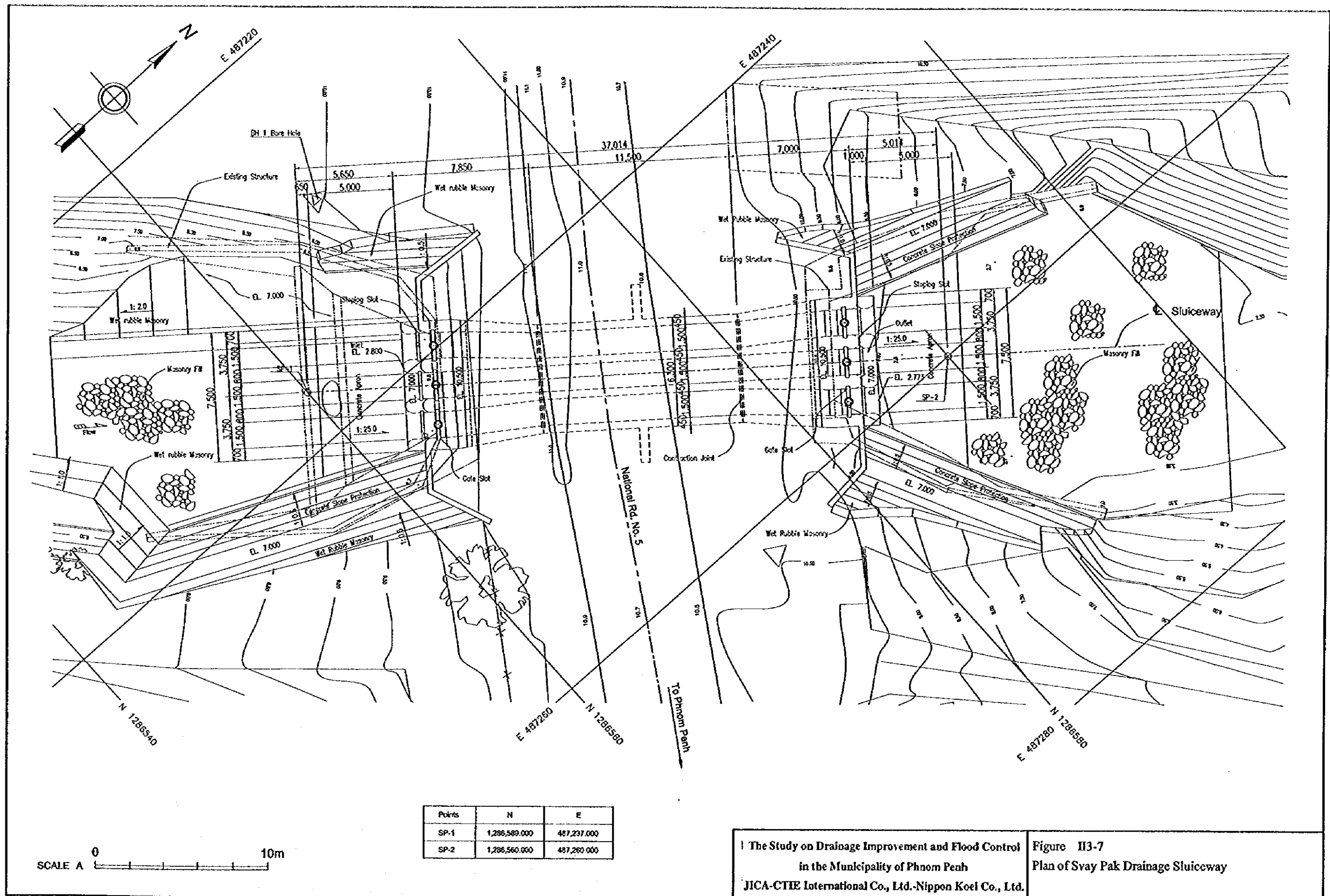


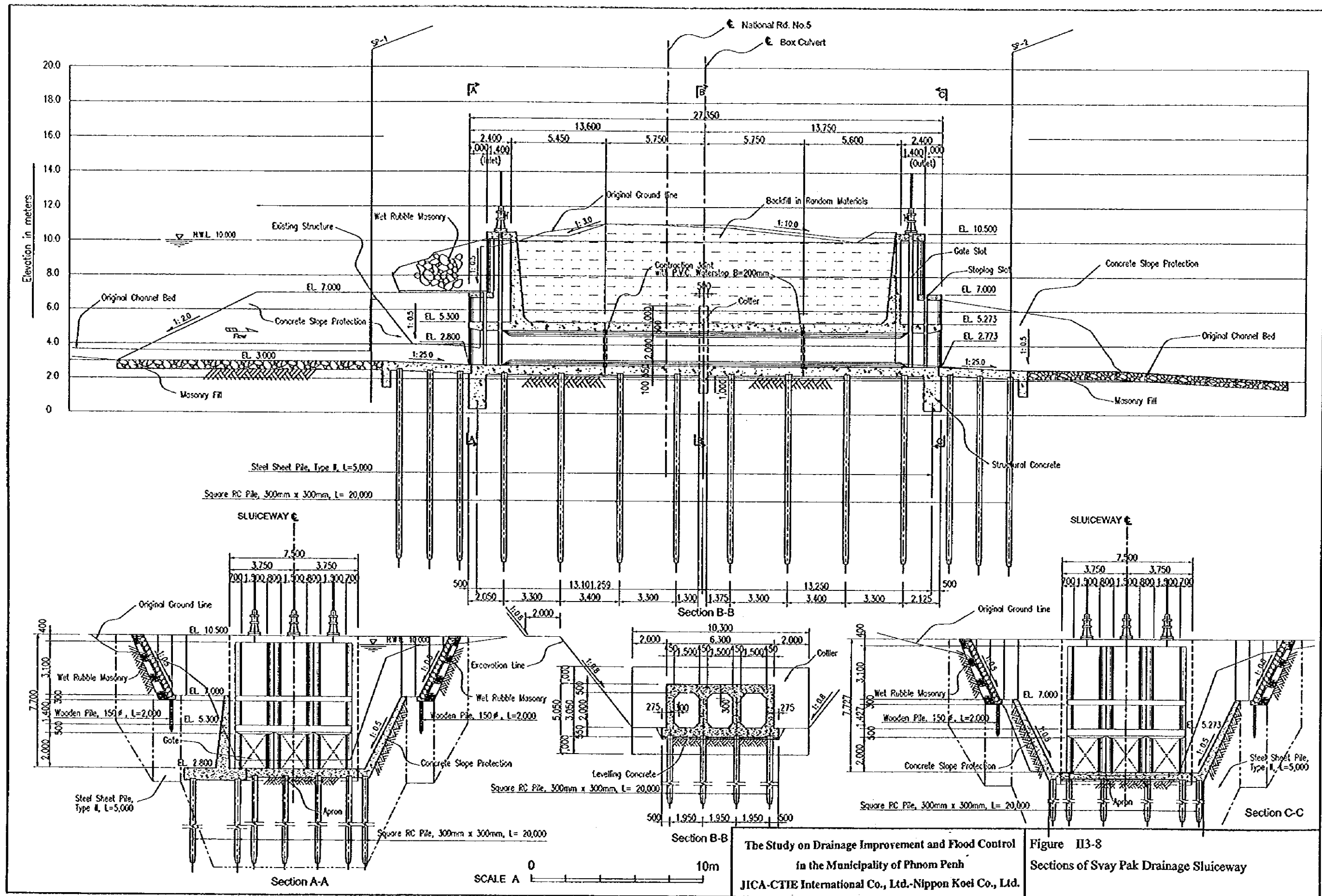
The Study on Drainage Improvement and Flood Control  
 in the Municipality of Phnom Penh  
 JICA - CTIE International Co., Ltd. - Nippon Koei Co., Ltd.

Figure II-3-6  
 Standard Cross-section of Tompun Dike



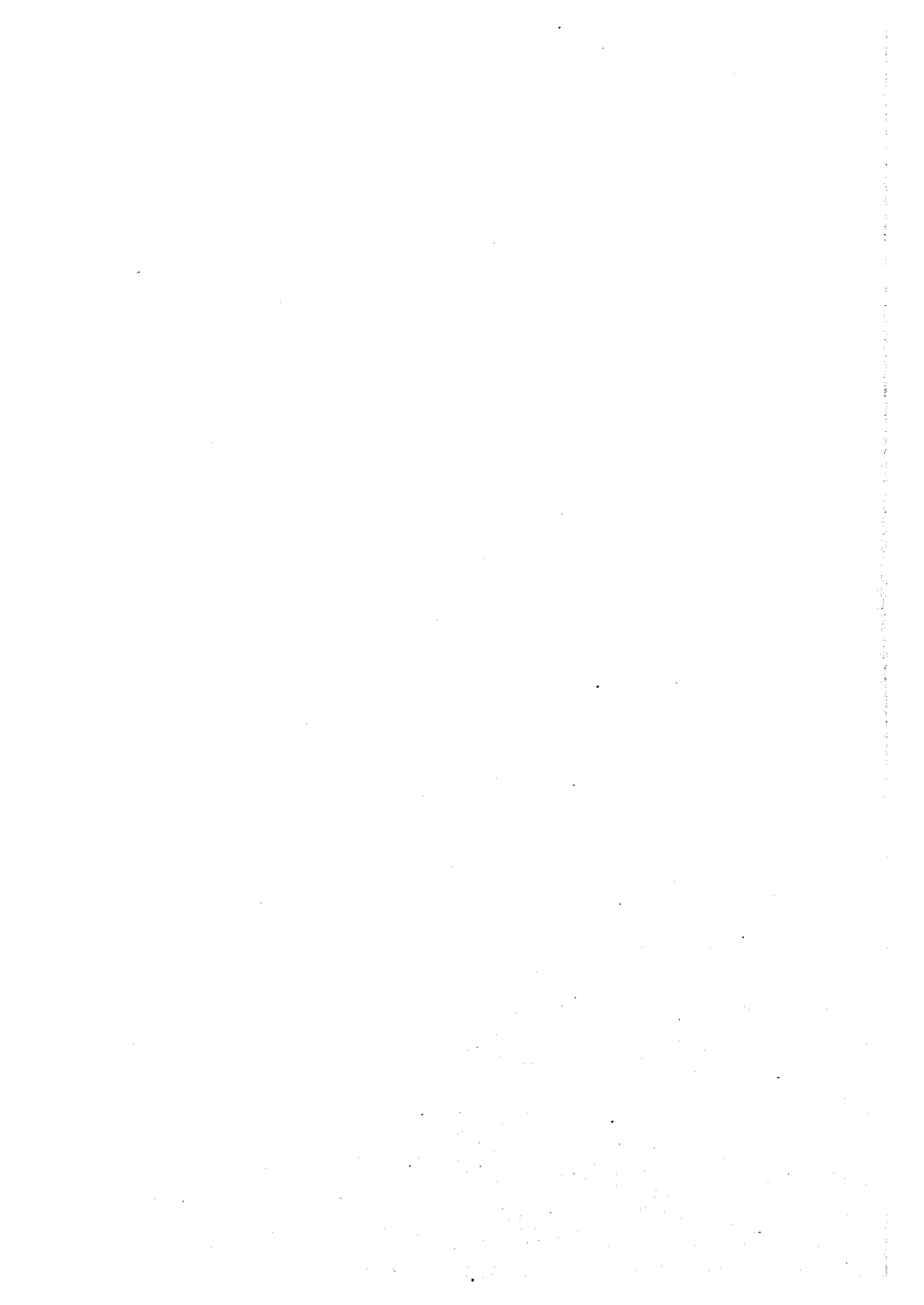


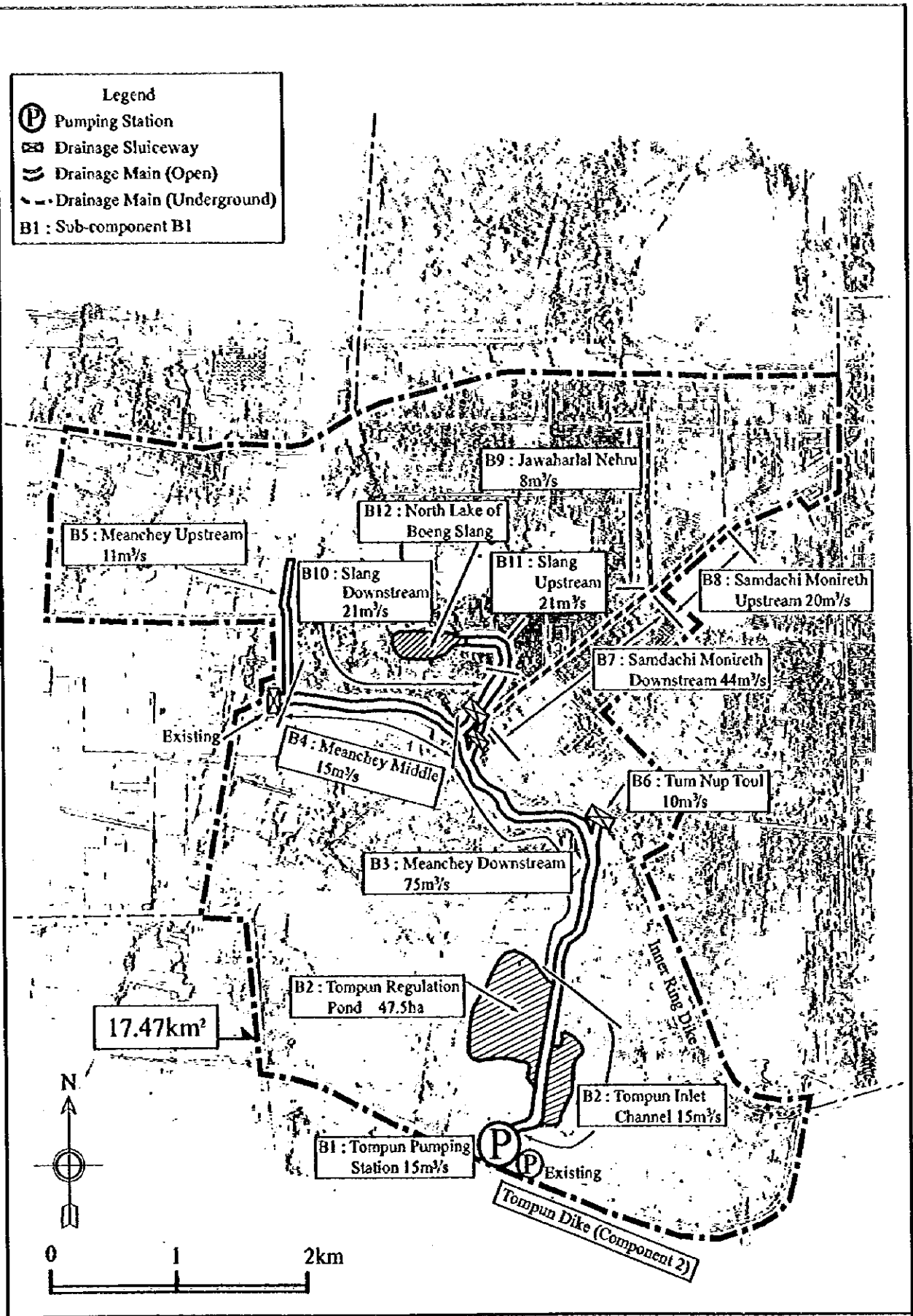




The Study on Drainage Improvement and Flood Control  
 in the Municipality of Phnom Penh  
 JICA-CTIE International Co., Ltd.-Nippon Koei Co., Ltd.

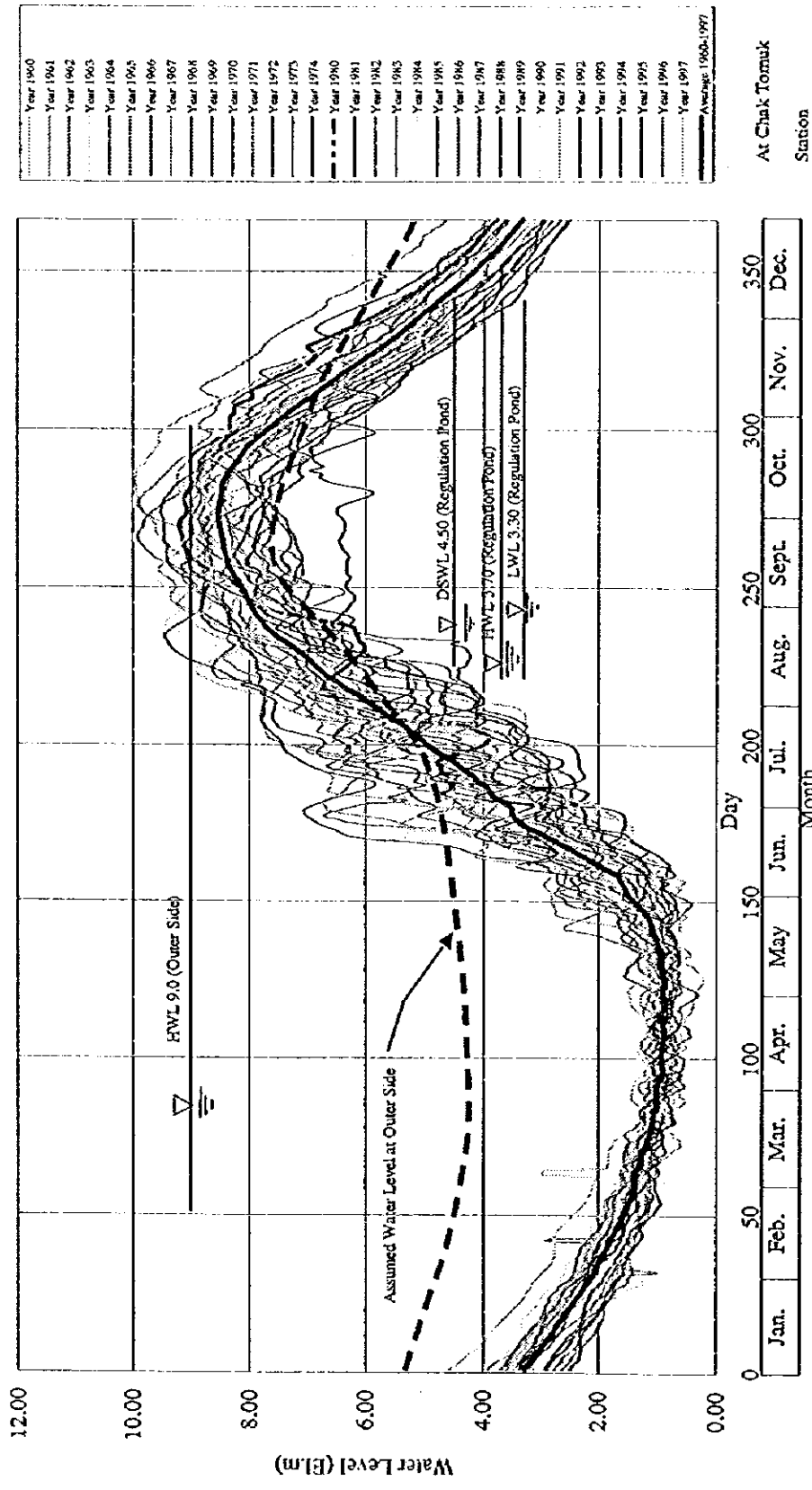
Figure II-3-8  
 Sections of Sway Pak Drainage Sluiceway





The Study on Drainage Improvement and Flood Control  
 in the Municipality of Phnom Penh  
 JICA - CTIE International Co., Ltd. - Nippon Koei Co., Ltd.

Figure II-4-1  
 Facilities of the Tompun Watershed  
 Drainage Improvement

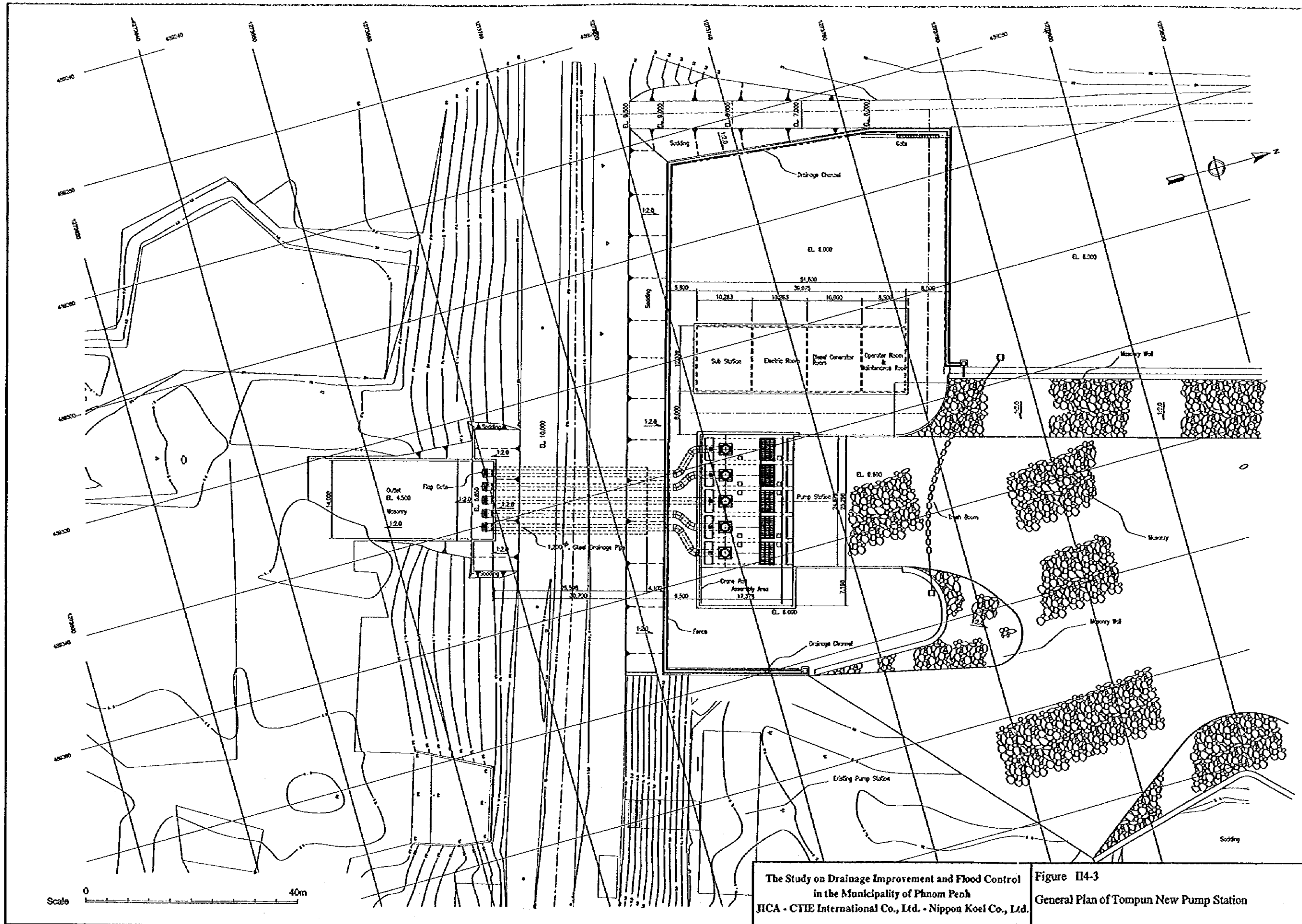


At Chhak Tomuk  
Station

The Study on Drainage Improvement and Flood Control  
in the Municipality of Phnom Penh  
JICA-CTIE International Co., Ltd.-Nippon Koei Co., Ltd.

Figure II-4-2  
Water Levels inside and outside  
Tompun Dike (Assumed)





The Study on Drainage Improvement and Flood Control  
 in the Municipality of Phnom Penh  
 JICA - CTIE International Co., Ltd. - Nippon Koei Co., Ltd.

Figure II-4-3  
 General Plan of Tompun New Pump Station





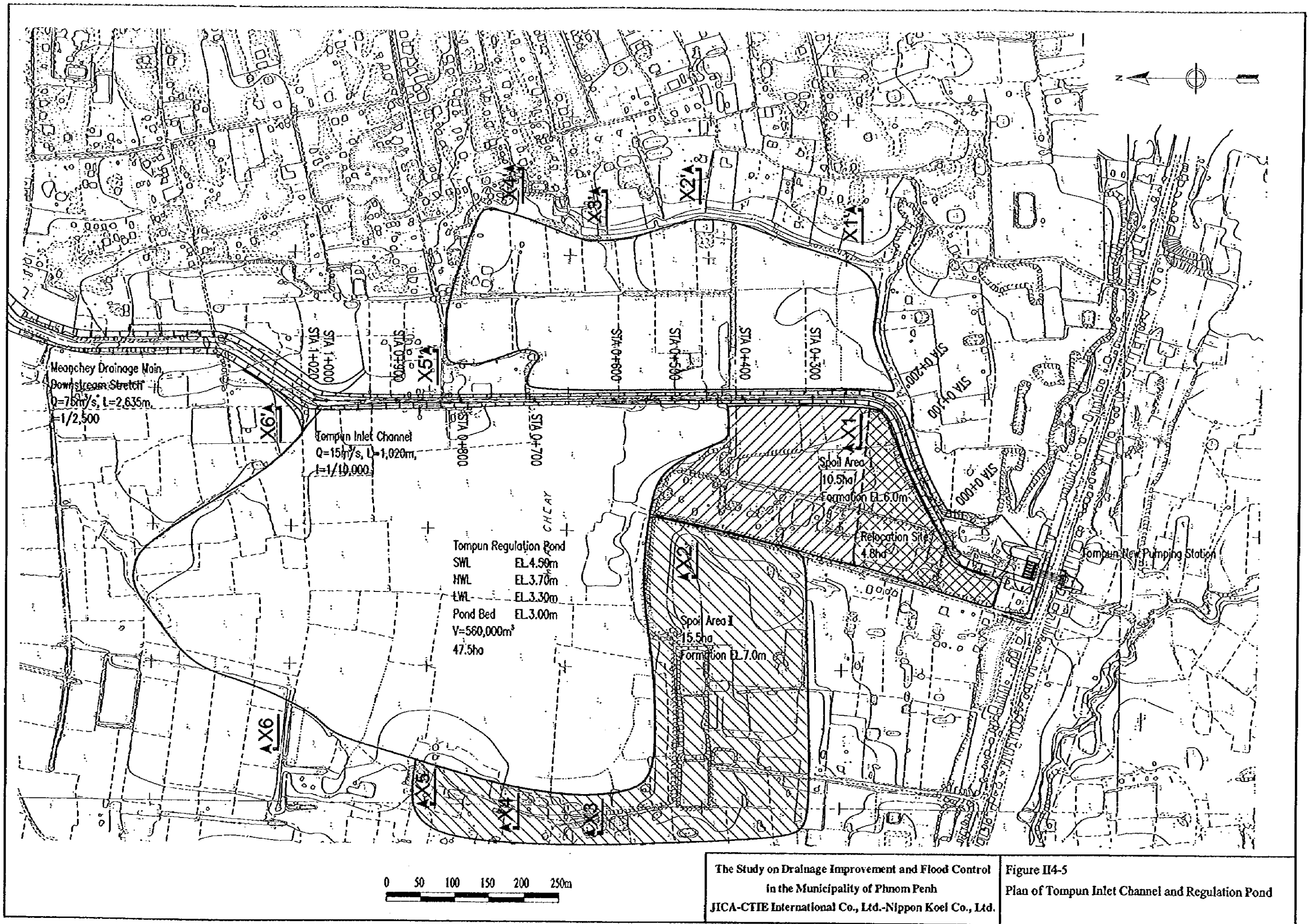
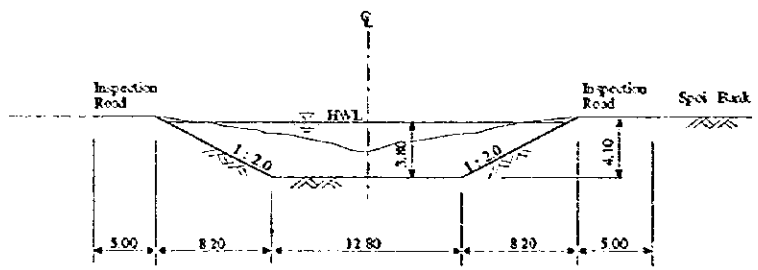
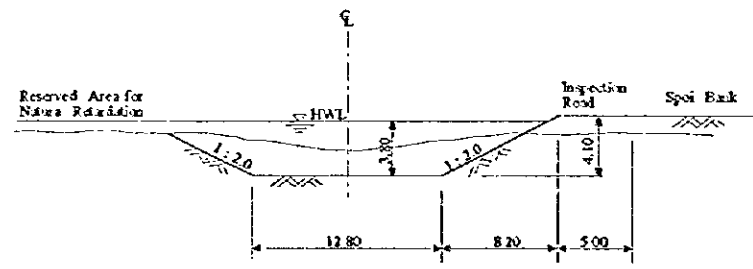


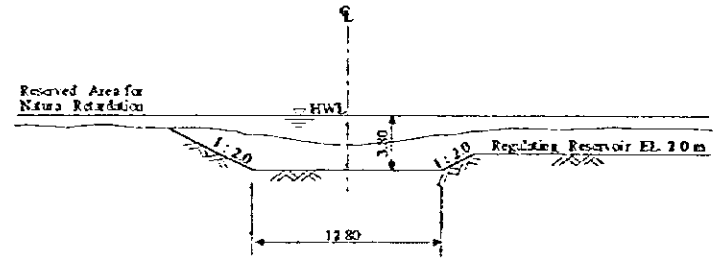
Figure II-4-5  
Plan of Tompun Inlet Channel and Regulation Pond



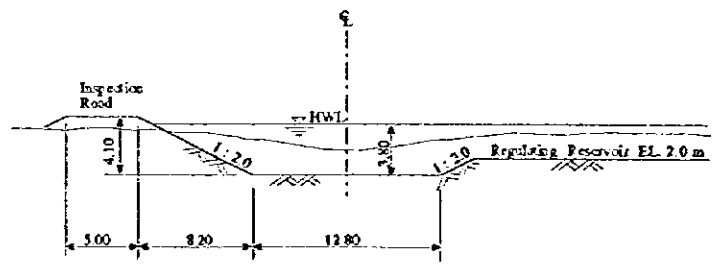
Sta. 0+000 to Sta. 0+200



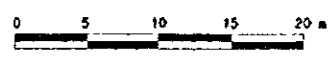
Sta. 0+200 to Sta. 0+430



Sta. 0+430 to Sta. 0+720



Sta. 0+720 to Sta. 1+020



The Study on Drainage Improvement and Flood Control  
in the Municipality of Phnom Penh  
JICA - CTIE International Co., Ltd. - Nippon Koei Co., Ltd.

Figure II-4-6  
Standard Cross-sections of Tompun Inlet Channel

